

## Amazon Fund: Activity Report, 2012

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# AMAZON FUND

Activity Report 2012





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## MESSAGE FROM THE MINISTER OF THE ENVIRONMENT AND THE PRESIDENT OF THE BNDES

*Dear Reader,*

*This is the fourth activity report published by the Amazon Fund since it was created in 2008. Over these years, the Fund has allocated a substantial amount of non-reimbursable financial resources to the Amazon Region. A total of R\$ 440 million was approved and earmarked for 36 projects that have impacted over 300 municipalities in the Amazon Biome.*

*Up to the end of 2012, some 24 projects received financial resources to the tune of R\$ 142 million to implement efforts aimed at developing sustainable production activities, environmental and land-title regularization, besides registering rural properties, recovering degraded and permanent protection areas, consolidating and maintaining protected areas, strengthening institutions, physically and operationally structuring governmental agencies engaged in environmental management, as well as expanding know-how to better use the biodiversity in the region.*

*To develop sustainable production activities, support was approved for partner institutions to launch calls-to-submission to select projects. Besides this, the Amazon Fund launched its first and direct call-to-submission, seeking to offer support for lumber and non-lumber forest management, aquaculture, fishing arrangements, as well as agro-ecological and agro-forestry systems. With these initiatives, the scale of support for small projects was expanded, enabling access to traditional communities, indigenous people and settlements, as well as family farmers, and public deemed priorities for the Fund.*

*The Amazon Fund also approved the first structuring project presented by the federal government through the Brazilian Forestry Service (SFB), in the amount of R\$ 65 million. This project will carry out the forest inventory of Brazil's Amazon, with extensive research of information related to forest resources, carbon stocks and how populations in the region use the land. It will, therefore, present a broad spectrum of results, while the teams out in the field will cover the entire region of the biome.*

*Another effort that warrants mention is the expanded support to combat forest fires and unauthorized burn-offs, with the approval of projects for state firefighters in Acre, Tocantins, Rondônia and Pará. Together with the Mato Grosso project, approved in 2011, more than R\$ 60 million has been earmarked for these efforts.*



*For more palpable transformation in the development model in the region, which fosters improved standards of living for inhabitants, it is necessary to more intensely develop chains of knowledge and innovation. For this reason, five new projects were provided support for technological and scientific development.*

*Finally, the Fund's international efforts were put underway, with the analysis of a project proposed by the Amazon Cooperation Treaty Organization (OTCA), which covers seven other countries in South America that share the Amazon Biome with Brazil. This project is aimed at systematic monitoring of the biome's forest coverage. At the time this report was being published, the final approval was being given for the financial support requested by the OTCA, in the amount of R\$ 23 million.*

*The year 2012 was an important milestone in sustainable development on the planet, with the United Nations' Conference on Sustainable Development, Rio+20, in June. In the seminar "The Amazon Fund: Building its History", participants of the Conference had the opportunity to hear reports from those that actually carried out eight of the projects supported by the Fund, including results and experiences in implementation.*

*In the near future, we will be taking action so the Amazon Fund can reach a new level in operations, concentrating efforts so as to develop structuring projects and expand the reach of operations by means of calls-to-submission to select projects, promoted, mainly, by partner institutions, both from the private sector or the government.*

*The Amazon Fund is on its way to becoming more and more associated with an innovative agenda for sustainable development that has been adapted to the Amazon Region, decisively contributing to improve standards of living and the preservation, recovery and rational use of natural resources.*

May 2013

Izabella Teixeira

MINISTER OF THE ENVIRONMENT

President of the Amazon Fund's Guidance Committee

Luciano Coutinho

PRESIDENT OF THE BNDES



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## INTRODUCTION

Dear Reader,

The Amazon Fund is considered a pioneering initiative in terms of financing efforts for Reducing Emission from Deforestation and Degradation (REDD). For this reason, its history, the learning process and its results are important topics that must be reported and shared.

Publishing annual reports, in addition to being an instrument of accountability and information transparency, is an opportunity to share stories and experiences. In the specific case of the Amazon Fund, it is also a way to register and disclose to society how an innovative and participatory strategy is being built and consolidated to foster a sustainable model of social and environmental development in the Amazon Region.

This publication aims at briefly presenting the Amazon Fund's efforts in 2012, focusing on its basic concepts and the projects this Fund has supported.

The full report of Amazon Fund's activities in 2012 is recorded on the attached CD in two languages – Portuguese and English. All these texts are also available on the Amazon Fund's website at: <[www.fundoamazonia.gov.br](http://www.fundoamazonia.gov.br)>.

Enjoy the reading.

THE AMAZON FUND. BRAZIL PROTECTS IT. THE WORLD SUPPORTS IT. EVERYONE WINS.

# CONTEXTUALIZATION

The Amazon Fund is aimed at raising donations for non-reimbursable investments to prevent, monitor and combat deforestation, as well as to foster conservation and the sustainable use of the Amazon Biome, according to Decree No. 6,527/08.

## AMAZON FUND OPERATION AREAS

I	Managing public forests and protected areas;
II	Environmental control, monitoring and supervision;
III	Sustainable forest management;
IV	Economic activities stemming from the sustainable use of the forest;
V	Ecologic-Economic Zoning (ZEE), land-use planning and land-title regularization;
VI	Conservation and sustainable use of biodiversity; and
VII	Recovering deforested areas.

The decree also establishes the use of up to 20% of the fund resources to support the development of systems to monitor and control deforestation in other Brazilian biomes and in tropical forests in other countries.

Initiatives that are eligible for support from the Amazon Fund must be in accordance with the following standards and guidelines:

## NORMS AND GUIDELINES FOR THE AMAZON FUND

Sustainable Amazon Plan (PAS)	Federal Government's strategic plan in partnership with the states for sustainable development of the Amazon
Action plan for the Prevention and Control of Deforestation in the Legal Amazon (PPCDAM)	Federal Government's plan which integrates and coordinates the efforts of several ministries to control deforestation in the Amazon
State plans to combat deforestation	Plans to combat deforestation in the states of the Legal Amazon (Acre, Amapá, Amazonas, Mato Grosso, Maranhão, Pará, Tocantins, Rondônia e Roraima). It is a prerequisite for full participation of the state in the Guidance Committee of the Amazon Fund (COFA)
COFA's guidelines and criteria	Guiding criteria, minimum conditions for projects, equality criteria, modalities, constraints and limitations to allocation of resources. Updated annually by COFA
BNDES' operational policies	General rules of the BNDES for projects and specific standards for the Amazon Fund

# DONATIONS

Fundraising for the Amazon Fund is conditioned to reducing greenhouse gas emissions from deforestation in the Amazon. Based on reducing emissions, the Brazilian Development Bank (BNDES) is authorized to receive donations and issue acknowledgement diplomas to fund donors.

On each diploma, the donator and the donation to reduce emissions are identified. These diplomas are nominal, non-transferable and do not create rights or claims of any nature whatsoever.

The Government of Norway was the first to support the initiative, in 2009, and, so far, it has been the most significant donator of funds to the Amazon Fund, with a formalized commitment of up to NOK 3,550,000,000.00 (US\$ 636,166,514.34), and the intention to donate a total of R\$ 1 billion.

At the end of 2010, the fund was supported by the government of the Federal Republic of Germany through KfW Entwicklungsbank, which formalized a contribution in the total amount of € 21,000,000.00 (US\$ 27,696,900.00).

In 2011, the Amazon Fund had its third donator, Petrobras, which was the first company to contribute to the fund, with the total amount of R\$ 7,929,444.23.

## AMAZON FUND GOVERNANCE

Management of the Amazon Fund's was assigned to the BNDES, which is responsible for collecting and allocating resources, for follow-up and monitoring of efforts and supported projects, as well as for rendering accounts and reporting results obtained in a continuous and transparent manner.

The Amazon Fund has a Guidance Committee (the Guidance Committee of the Amazon Fund – COFA), whose assignment is to establish guidelines and criteria for allocating resources, as well as monitoring results obtained; and a technical committee (Technical Committee of the Amazon Fund – CTFA), whose role is to certify carbon emissions from deforestation calculated by the Ministry of the Environment.

### GUIDANCE COMMITTEE OF THE AMAZON FUND

Federal Government	State government	Civil society
Ministry of the Environment	Acre	Brazilian Forum of NGOs and Social Movements For The Environment and Development (FBOMS)
Ministry of Development, Industry and Foreign Trade	Amapá	
Ministry of Foreign Relations	Amazonas	
Ministry of Agriculture, Cattle-raising and Supply	Maranhão	Coordination of Indigenous Organizations of the Brazilian Amazon (COIAB)
Ministry of Agrarian Development	Mato Grosso	National Confederation of Industry (CNI)
Ministry of Science, Technology and Innovation	Pará	National Forum of Forest-Based Activities (FNABF)
Chief of Staff of the Presidency of the Republic	Rondônia	
Secretary for Strategic Issues of the Presidency of the Republic	Roraima	National Confederation of Agricultural Workers (CONTAG)
Brazilian Development Bank (BNDES)	Tocantins	
		Brazilian Society for the Progress of Science (SBPC)

# COMMUNICATION AND TRANSPARENCY

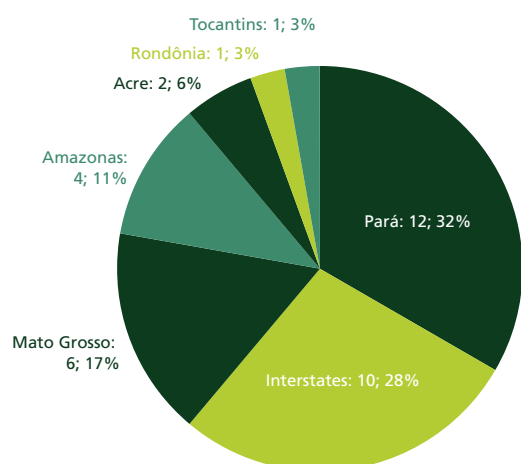
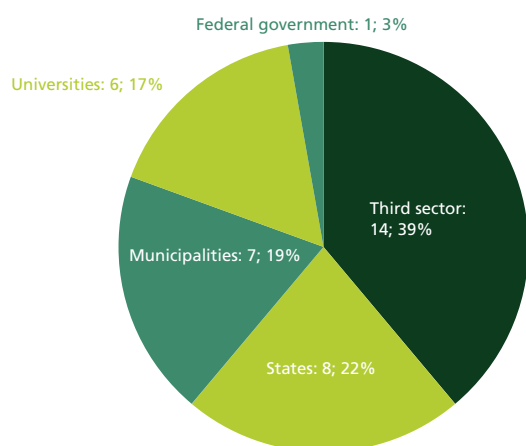
The BNDES renders accounts of the Amazon Fund's activities to society. In addition to annual reports, supported projects, projects in progress at the BNDES, fundraising, financial resources and opinions from independent auditors, among other information, are available to the public at <[www.fundoamazonia.gov.br](http://www.fundoamazonia.gov.br)>.

## PROJECT PORTFOLIO

From June 2009 to December 2012, the Amazon Fund approved 36 projects, totaling R\$ 439,778,543.59 (US\$ 215,208,487.20). The estimated completion date of projects varies from one to six years, with an average term of three years.

These projects include fostering sustainable production activities, environmental and land-title regularization, monitoring rural properties, recovery of degraded and permanent protection areas, consolidation and maintenance of preservation areas, institutional strengthening and the physical and operational structure of government agencies, environmental management, and expanding knowledge available and used in regional biodiversity.

DISTRIBUTION OF THE NUMBER OF APPROVED PROJECTS PER THE APPLICANT'S LEGAL NATURE AND TERRITORIAL SCOPE

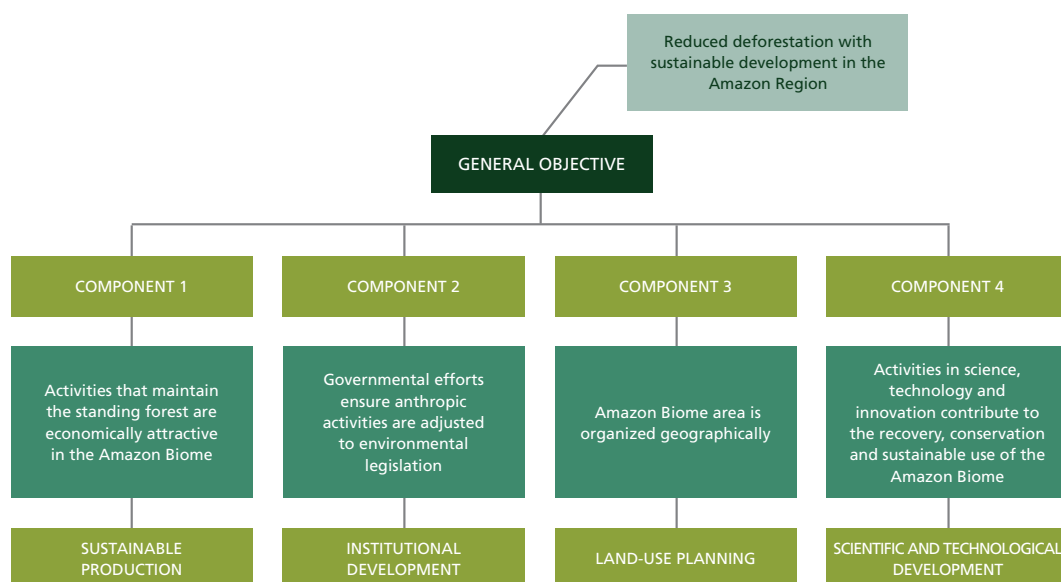




# MONITORING

In addition to physically and financially monitoring the implementation of projects, the Logical Framework methodology was adopted as a tool for planning and monitoring the Amazon Fund's results and projects. Its use is intended to contribute to the Fund's better performance since it makes it possible to survey and consolidate efforts indicators, as well as measuring the quality and quantity of achieved results.

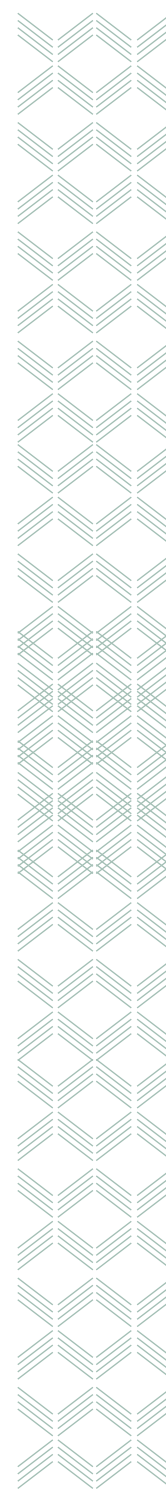
AMAZON FUND INTERVENTION LOGIC AND ITS COMPONENTS



From the initial moment to its completion, which can vary from one to five years, the 36 projects supported up to 2012 presented a significant potential for impact in relation to the Amazon Fund's objectives, as inferred by the goals consolidated in the following list:

1. N° of households benefited with payment for environmental services: 12,569
2. N° of people trained to practice sustainable economic activities: 4,665
3. N° of people trained in activities related to management of public forests and protected areas: 400
4. N° of people participating in awareness or integrating events: 13,346
5. N° of workshops and training courses: 339
6. N° of rural households benefited with technical assistance: 3,150
7. N° of properties with sustainable production projects: 2,200
8. N° of strengthened community organizations: 120
9. N° of springs recovered: 1,200
10. N° of structured environmental agencies (state and municipal): 29
11. Area of properties with geo-referenced mapping ready for the Rural Environmental Register (CAR) (hectares): 10,000,000

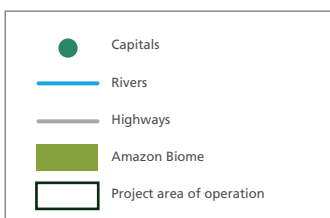
12. N° of properties that have submitted their request to register on the CAR: 103,000
13. Area of geo-referenced rural properties for land-title regularization (hectares): 58,955
14. N° of rural properties with land-title regularization: 800
15. N° of supported conservation units (federal and state): 84
16. Extension of protected areas with environmental management and/or control of their strengthened territory (km²): 560,740
17. Area of conservation units to be created (km²): 135,000
18. N° of indigenous people benefited: 7,000
19. Amount of support for projects in science, technology and innovation (ST&I), including the National Forest Inventory (IFN) in the Amazon Biome: R\$ 98.3 million
20. Amazon Biome area with forest inventory completed with information on its forest resources, carbon stocks and the way local populations use the territory: 4.1 million km²
21. Amount of support for projects to combat illegal forest fires and burn-offs: R\$ 62.7 million
22. N° of people trained in techniques to combat fire and form civil fire brigades: 1,760



# INVENTÁRIO FLORESTAL NACIONAL – AMAZÔNIA

*National Forest Inventory – Amazon*

*The completion of the National Forest Inventory (IFN) is aimed at learning about the biomass and carbon stocks, biodiversity, forest health and well-being, as well as the standard of living of the population that lives in the forests or in nearby areas.*



RESPONSIBLE FOR THE PROJECT	Brazilian Forestry Service (Federal Government) < <a href="http://www.sfb.gov.br/">http://www.sfb.gov.br/</a> >
TERRITORIAL SCOPE	Amazon Biome
BENEFICIARIES	All individuals and institutions that use information from the Amazon Forest Inventory
OBJECTIVE	To implement the Forest Inventory on the Amazon Biome in order to produce information on forest resources, carbon stocks and use of territory by the populations in the region
TOTAL COST OF THE PROJECT	R\$ 65,000,555.12 (US\$ 31,808,443.91)
AMAZON FUND SUPPORT	<b>R\$ 65,000,555.12 (US\$ 31,808,443.91)</b>
ESTIMATED COMPLETION DATE	<b>48 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Approved on 7.31.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

In addition to measuring the timber stock, a national forest inventory aims at learning about the biomass and carbon stocks, biodiversity, forest health and well-being, as well as the standard of living of the population that lives in the forests or in nearby areas.

The variables that will be collected in this version of the National Forest Inventory (IFN) are: biophysical, to verify the dynamics of forests; social-environmental, to investigate the importance of forests for the people that live there or in surrounding areas or from exploring its resources; and administrative, which will be used to monitor field work.

So, in addition to biophysical data, collecting environmental variables includes: following up on the use and perception of people over time in relation to forest resources; improving and strengthening the sustainable use of forests; assessing the effectiveness in implementing public policies in this sector; helping create and adapt rules and regulations for exploring and conserving forest resources; identifying research needs, new uses for products and services and strategies to add value to the sustainable use of forests.

This project aims to implement IFN throughout the Amazon Biome, covering an area of 419,694,300 hectares, which represents more than 40% of the domestic territory.

## Expected Result

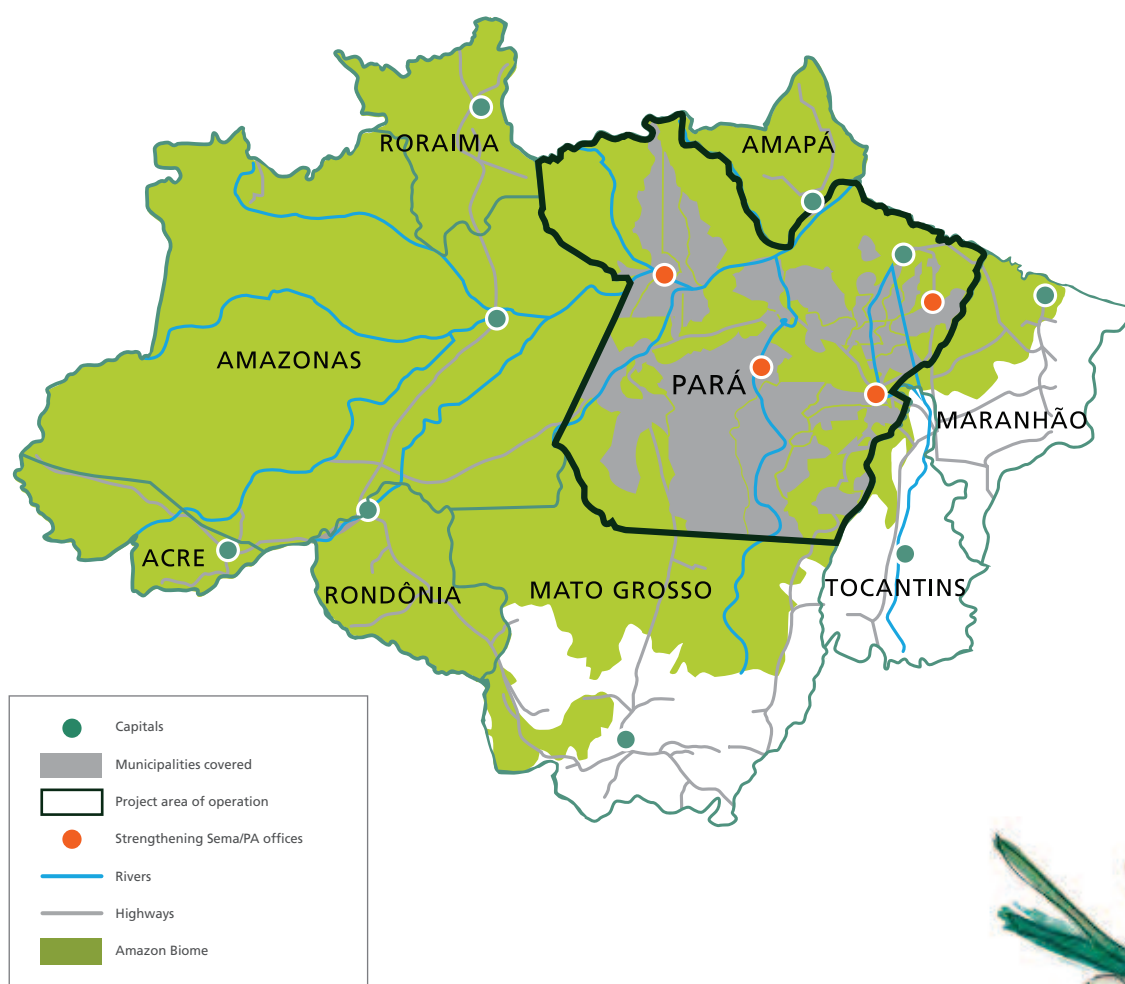
- To implement the IFN in the Amazon Biome with the aim of establishing a forest monitoring system capable of producing information on forest resources in the region so as to support the creation, implementation and operation of public policies and projects for the use and conservation of such resources.



# SECRETARIA DE MEIO AMBIENTE DO PARÁ

*Secretary of the Environment in the State of Pará*

*The project in the state of Pará aims at strengthening municipalities and regions so that environmental management in the entire state is more efficient.*



RESPONSIBLE FOR THE PROJECT	State of Pará <www.sema.pa.gov.br>
TERRITORIAL SCOPE	State of Pará
BENEFICIARIES	Population of the state of Pará, specially farmers
OBJECTIVE	To strengthen environmental management in the state of Pará by improving issuance of the Rural Environmental Registry (CAR), decentralizing the activities of the State Environment Department and improving the legal process of the environmental licensing
TOTAL COST OF THE PROJECT	R\$ 15,923,230.00 (US\$ 7,792,136.04)
AMAZON FUND SUPPORT	<b>R\$ 15,923,230.00 (US\$ 7,792,136.04)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 10.6.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 9,624,401.30 (US\$ 4,709,763.30)

## Intervention Logic

The project in the state of Pará aims at strengthening municipalities and regions to increase the efficiency in environmental management throughout the state.

The strategy is to decentralize activities of the Secretary of the Environment in the state of Pará (SEMA/PA) by structuring municipal environmental offices as well as implementing and strengthening regional units.

To decentralize SEMA/PA's activities, physical and operational structuring efforts in the administrative municipal environment units in forty municipalities will be carried out, including strengthening technological infrastructure and training human resources to support the Rural Environmental Register (CAR), and improving the legal process for environmental licensing.

Decentralizing environmental management across the state establishes efforts to implement and strengthen regional units. To achieve this goal, structuring the regional units is established in the municipalities of Marabá, Santarém, Paragominas and Altamira, besides the headquarters of SEMA/PA in Belém.

## Expected Results

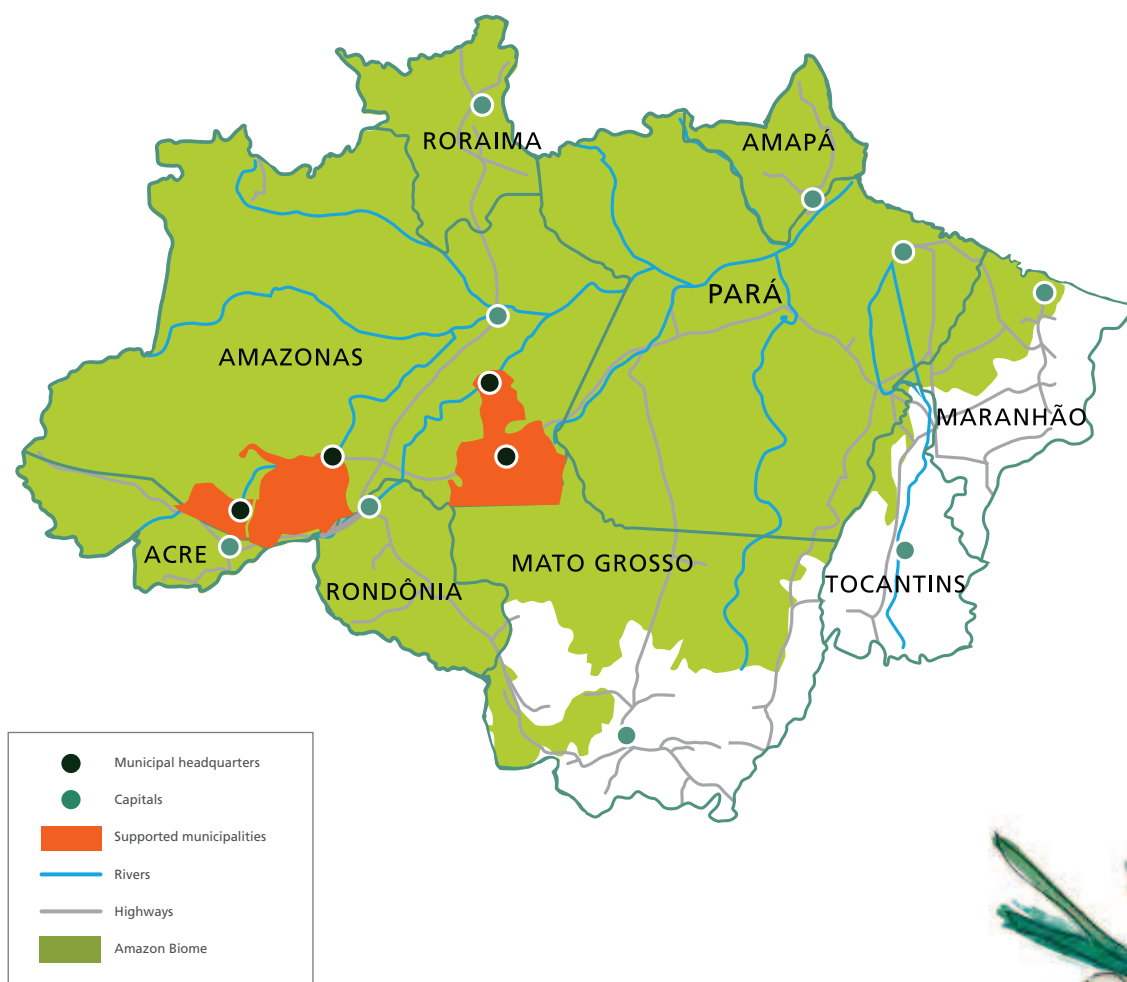
- Structuring environment municipal units (decentralizing SEMA/PA activities);
- Decentralizing SEMA/PA environmental management activities;
- Improving technological infrastructure and training human resources to issue CAR; and
- Improving the environmental licensing process.



# SDS AMAZONAS

## *SDS Amazonas*

*The project brings together initiatives in four municipalities in the southern state of Amazon: Boca do Acre, Lábrea, Apuí and Novo Aripuanã.*



RESPONSIBLE FOR THE PROJECT	State of Amazonas <www.sds.am.gov.br>
TERRITORIAL SCOPE	Municipalities in the southern state of Amazonas (Boca do Acre, Lábrea, Apuí and Novo Aripuanã)
BENEFICIARIES	Population Boca do Acre, Lábrea, Apuí and Novo Aripuanã
OBJECTIVE	To foster the strengthening of environmental management in areas with intense deforestation in the state of Amazonas by developing legal registration (CAR); incentives for environmental and land-title regularization; improvement of mechanisms for environmental licensing and monitoring; and recovery of deforested areas through reforestation of an economic and ecological nature
TOTAL COST OF THE PROJECT	R\$ 20,000,000.00 (US\$ 9,787,129.92)
AMAZON FUND SUPPORT	<b>R\$ 20,000,000.00 (US\$ 9,787,129.92)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 12.17.2010
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 15,267,361.40 (US\$ 7,471,182.48)

## Intervention Logic

The project will be implemented by the State Secretariat of the Environment and Sustainable Development (SDS), in partnership with the Institute of Agriculture and Cattle-raising and Sustainable Forest Development in the state of Amazonas (IDAM), the Institute of Environmental Protection (IPAAM) in Amazonas, the Land Institute of Amazonas (ITEAM), municipal departments environment, municipal departments for rural production, and other agencies specialized in environmental recovery.

Three efforts will be carried out in four municipalities in the southern state – Boca do Acre, Lábrea, Apuí and Novo Aripuanã –, which all present high deforestation. The first effort aims at strengthening environmental management by developing technical norms to establish and implement the Rural Environmental Register (CAR), in addition to Environmental Licensing of Sustainable Production in the four municipalities. The second will consist of land-title regularization in state areas, in the municipalities of Boca do Acre and Novo Aripuanã, targeting some 800 properties. The third aims at recovering deforested areas by reforesting with species that have an economic and ecological purpose.

## Expected Results

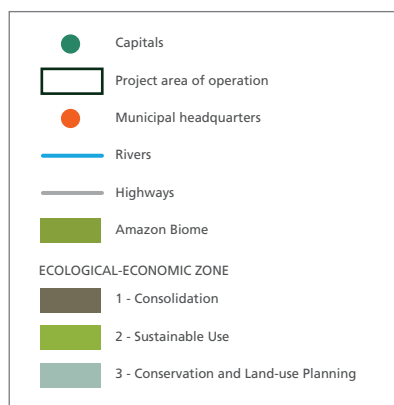
- Recovery of degraded areas through reforestation with ecological and economic objectives;
- Land-title regularization of eight hundred properties on state land with intense deforestation; and
- Improved process for environmental licensing.



# VALORIZAÇÃO DO ATIVO AMBIENTAL FLORESTAL

*Importance of Forest Environmental Assets*

*“For us producers [the project] is good because we are given saplings of several plants which will improve the river and help us increase our income in the future” – Antonia Paiva da Silva, rural producer.*



RESPONSIBLE FOR THE PROJECT	State of Acre <www.ac.gov.br>
TERRITORIAL SCOPE	State of Acre
BENEFICIARIES	Settlers and family farmers
OBJECTIVE	To foster sustainable practices to reduce deforestation by paying for environmental services, valuing environmental assets and consolidating a clean, fair and competitive economy, based on Ecologic-Economic Zoning (ZEE)
TOTAL COST OF THE PROJECT	R\$ 66,700,000.00 (US\$ 32,640,078.30)
AMAZON FUND SUPPORT	<b>R\$ 60,000,000.00 (US\$ 29,361,389.77)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 11.19.2010
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 31,557,354.63 (US\$ 15,442,796.49)

## Intervention Logic

The project aims at supporting the policy that adds value to environmental and forest assets by strengthening integrated territorial management, fostering forest and agro-forestry production chains, as well as technical and financial incentives for environmental services in the state of Acre. This plan is being implemented in accordance with the principle that payment for environmental services (financial and economic incentives) is linked to sustainable practices and environmental criteria.

The restraint of and the continuous decrease in deforestation in the state requires improvements to monitoring, control and supervision of modified areas by strengthening technical bases of the institutions responsible for territorial management. This includes modernizing the Central Unit of Geo-processing and Remote Sensing (UCEGEO), strengthening the environmental Institute of Acre (IMAC) and the Forest State Secretariat in the state of Acre (SEF), and preparing and implementing municipal Deforestation Prevention and Control Plans.

## Expected Results

- Strengthening integrated territorial management;
- Support for forestry and agro-forestry production sectors; and
- Technical and financial incentives for environmental services.



# BOMBEIROS FLORESTAIS DE MATO GROSSO

*Forest Fire Fighters in Mato Grosso*

*The project aims to strengthen the Aerial and Land Operations Base of the Mato Grosso State Military Forest Firefighters Department, located in the city of Sinop.*



RESPONSIBLE FOR THE PROJECT	Mato Grosso State Military Fire Fighters Department (state of Mato Grosso) <www.mt.gov.br/wps/portal> <www.seguranca.mt.gov.br> <www.bombeiros.mt.gov.br>
TERRITORIAL SCOPE	State of Mato Grosso
BENEFICIARIES	The population of the region where the Sinop Air and Ground Operational Base is located (MT)
OBJECTIVE	To support efforts to monitor, prevent and combat deforestation caused by forest fires and unauthorized burn-offs in the state of Mato Grosso, by training people and purchasing aircraft, vehicles and support equipment for Air and Ground Operational Base of Mato Grosso State Military Fire Fighters Department located in the city of Sinop
TOTAL COST OF THE PROJECT	R\$ 16,742,500.00 (US\$ 8,193,051.14)
AMAZON FUND SUPPORT	<b>R\$ 12,625,000.00 (US\$ 6,178,125.76)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 1.17.2012
AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 579,120.00 (US\$ 283,396.13)

## Intervention Logic

In October 2009, the state of Mato Grosso, through a partnership with the Ministry of the Environment, put together the State Plan for the Prevention and Control of Deforestation and Burn-offs in Mato Grosso (PPCDQ/MT), which brings together initiatives to reverse deforestation, mostly linked to state agencies, among them the Department of the Environment of Mato Grosso (SEMA/MT) and the Military Fire Department in the state of Mato Grosso (CBM/MT).

The project aims at supporting efforts to monitor, prevent and combat deforestation, unauthorized burn-offs and forest fires in the state of Mato Grosso, by training members and partners of the Military Fire Fighters Department, as well purchasing aircraft, vehicles and support equipment to Air and Ground Operational Base of CBMMT, located in Sinop.

## Expected Result

- Reduced greenhouse gas emissions by monitoring, preventing and combating deforestation, unauthorized burn-offs and forest fires.



# PROTEÇÃO FLORESTAL TOCANTINS

*Forest Protection in the State of Tocantins*

*The project aims to strengthen Tocantins  
State Military Fire Department, located in  
the city of Araguaína.*



RESPONSIBLE FOR THE PROJECT	Tocantins State Military Fire Fighters Department (The state of Tocantins) < <a href="http://www.to.gov.br">http://www.to.gov.br</a> > < <a href="http://www.bombeiros.to.gov.br">http://www.bombeiros.to.gov.br</a> >
TERRITORIAL SCOPE	The scope of the project falls under the reach of efforts carried out by the CBMTO Environmental Protection Brigade, located in the municipality of Araguaína in the north of the state The territorial scope will even be extended to the protected areas in the state, such as the federal ecological strips Araguaia-Bananal, Paranã-Pirineus and Jalapão-Chapada das Mangabeiras, in the territory of Tocantins, through support to the federal agencies in charge
BENEFICIARIES	Population in the area where the Environmental Protection Brigade operates in Araguaína (TO)
OBJECTIVE	Support efforts to monitor, prevent and combat deforestation caused by forest fires and unauthorized burn-offs in the state of Tocantins, with a focus on its mid-northern region, by training people, integrated management mechanisms structure and purchasing materials and equipment for the Environmental Protection Brigade, located in the municipality of Araguaína
TOTAL COST OF THE PROJECT	R\$ 6,697,880.00 (US\$ 3,277,651.09)
AMAZON FUND SUPPORT	<b>R\$ 5,000,000.00 (US\$ 2,446,782.48)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 8.9.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 1,700,000.00 (US\$ 831,906.04)

## Intervention Logic

The Tocantins State Military Fire Department (CBMTO) will offer support for efforts to monitor, prevent and combat deforestation caused by forest fires and unauthorized burn-offs in the state of Tocantins, with emphasis on its mid-northern region.

Project resources are earmarked for training, structuring integrated management mechanisms and purchasing materials and equipment for Environmental Protection Brigade, located in the city of Araguaína.

## Expected Results

- Efforts to monitor, prevent and combat deforestation caused by unauthorized burn-offs and enlarged forest fires; and
- Reduced greenhouse gas emissions that worsen the greenhouse effect caused by unauthorized burn-offs and fewer forest fires in the state of Tocantins.



# ACRE: INCÊNDIOS FLORESTAIS ZERO

*Acre: Zero Forest Fires*

*This project of the Acre State Military Fire Department covers seven operational units located in the cities of Cruzeiro do Sul, Tarauacá, Manuel Urbano, Xapuri and Rio Branco.*



RESPONSIBLE FOR THE PROJECT	Acre State Military Fire Fighters Department (state of Acre) <www.ac.gov.br> <www.bombeiros.ac.gov.br>
TERRITORIAL SCOPE	State of Acre
BENEFICIARIES	Population in the State of Acre
OBJECTIVE	To support efforts to monitor, prevent and combat deforestation caused by forest fires and unauthorized burn-offs in the state of Acre, by training people and purchasing vehicles and equipment to support the Education Brigade, Protection and Combat to Forest Fires of the Acre State Military Fire Fighters Department
TOTAL COST OF THE PROJECT	R\$ 13,337,700.00 (US\$ 6,526,890.14)
AMAZON FUND SUPPORT	<b>R\$ 13,280,700.00 (US\$ 6,498,996.82)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 7.5.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 5,835,000.00 (US\$ 2,855,395.16)

## Intervention Logic

With a two-year deadline, the project includes purchasing support vehicles and equipment for the seven operational units of the Acre State Military Fire Department located in the cities of Cruzeiro do Sul, Tarauacá, Manuel Urbano, Xapuri and Rio Branco. Resources are also earmarked to train military firefighters as specialized managers to control, monitor and support for inspection of forest fires.

The project also establishes activities to effectively implement the National Program to Reduce the Use of Fire in Rural and Forest Areas (PRONAFOGO), coordinated by the Ministry of the Environment, in keeping with the state plan for the Prevention and Control of Deforestation in the state of Acre.

## Expected Results

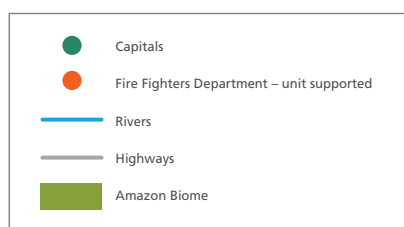
- Reduced number of unauthorized burn-offs and forest fires; and
- Minimized impacts caused by unauthorized burn-offs and forest fires due to reduced response time by the State Military Fire Fighters Department in the state of Acre.



# RONDÔNIA MAIS VERDE

## *Greener Rondônia*

*The project of the Rondonia State Military Fire Department aims to equip the base located in the city of Porto Velho, as well as four operational units located in the cities of Ji-Paraná, Guajará-Mirim, Cacoal and Vilhena.*



RESPONSIBLE FOR THE PROJECT	Military Firefighters of the State of Rondônia (state of Rondônia) < <a href="http://www.rondonia.ro.gov.br/">http://www.rondonia.ro.gov.br/</a> > < <a href="http://www.cbm.ro.gov.br/">http://www.cbm.ro.gov.br/</a> >
TERRITORIAL SCOPE	The area affected by efforts developed and based on the Land and Air Operations Base – to be implemented in the capital city Porto Velho – and the four largest fire stations located in the cities of Ji-Paraná, Guajará-Mirim, Cacoal and Vilhena which will also receive equipment. The territorial scope will also include important environmental protection and preservation areas, especially the Pacaás and Serra da Cutia national parks.
BENEFICIARIES	The population in the region where the Air and Ground Operational Base (RO) is located and in the region of the four major operating fire brigade units located in the municipalities of Ji-Paraná, Guajará-Mirim, Cacoal and Vilhena.
OBJECTIVE	To monitor, prevent and combat deforestation as a result of forest fires and unauthorized burn-offs in the state of Rondônia, by training people and purchasing materials and equipment for: (i) Air and Ground Operational Base of the Military Fire Department, to be built by the state of Rondônia in the capital Porto Velho; and (ii) four operating units located in other municipalities of the state.
TOTAL COST OF THE PROJECT	R\$ 15,910,500.00 (US\$ 7,785,906.53)
AMAZON FUND SUPPORT	<b>R\$ 15,040,500.00 (US\$ 7,360,166.38)</b>
ESTIMATED COMPLETION DATE	<b>12 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 12.21.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The project of the Military Fire Department in the state of Rondônia (CBMRO), which is included in the state strategy to combat forest fires and unauthorized burn-offs, aims at supporting efforts to monitor, prevent and combat deforestation caused by these occurrences, so as to contribute to reducing the emissions of greenhouse gas enhancers.

To achieve its goal, the project will equip the Air and Ground Operation Base – to be installed in the capital Porto Velho – and four other CBMRO operating units located in the municipalities of Ji-Paraná, Guajará-Mirim, Cacoal and Vilhena. The Air and Ground Operation Base efforts and CBMRO's four operating units will extend to 14 municipalities in the state of Pará.

In addition to this, the CBMRO's staff and partner agencies will be trained in graduate courses in environmental science, whose topics will be related to the operationalization of integrated processes to monitor, prevent and combat deforestation, unauthorized burn-offs and forest fires.

## Expected Results

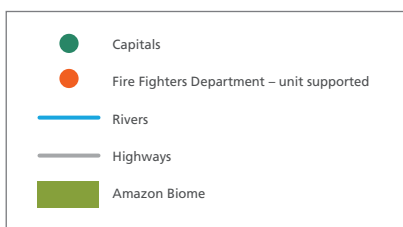
- Equipping the Air and Ground Operational Base in the capital Porto Velho and four other CBMRO operational units; and
- Training CBMRO staff and partners in graduate courses in environmental sciences.



# PARÁ COMBATENDO OS INCÊNDIOS FLORESTAIS E QUEIMADAS NÃO AUTORIZADAS

*Pará Combating Forest Fires and Unauthorized Burn-offs*

*The project will cover the ten units of the Pará State Military Fire Department, which serve the entire area in Pará state.*



RESPONSIBLE FOR THE PROJECT	Pará State Military Fire Fighters Department (state of Pará) <www.bombeiros.pa.gov.br>
TERRITORIAL SCOPE	State of Pará
BENEFICIARIES	Population in the state of Pará
OBJECTIVE	To support the efforts to monitor, prevent and combat deforestation caused by forest fires and unauthorized burn-offs in the state of Pará, by physically and operationally structuring the Military Fire Department units located in ten municipalities in the state of Pará
TOTAL COST OF THE PROJECT	R\$ 23,374,140.00 (US\$ 11,438,287.25)
AMAZON FUND SUPPORT	<b>R\$ 16,830,280.00 (US\$ 8,236,006.85)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Approved on 11.27.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The project has the overall aim to reduce greenhouse gas emissions, monitoring, preventing and combating deforestation, unauthorized burn-offs and forest fires in the state of Pará, by physically and operationally structuring the Military Fire Fighters in the State of Pará (CBMPA).

Project resources will be earmarked for ten CBMPA units, located in the following municipalities: Marabá, Itaituba, Castanhal, Tucuruí, Redenção, Altamira, Santarém, Abaetetuba, Parauapebas and Paragominas. The ten units are responsible for covering all 12 regions in the state of Pará, which broadens the scope of the project to cover the entire territory of Pará.

## Expected Results

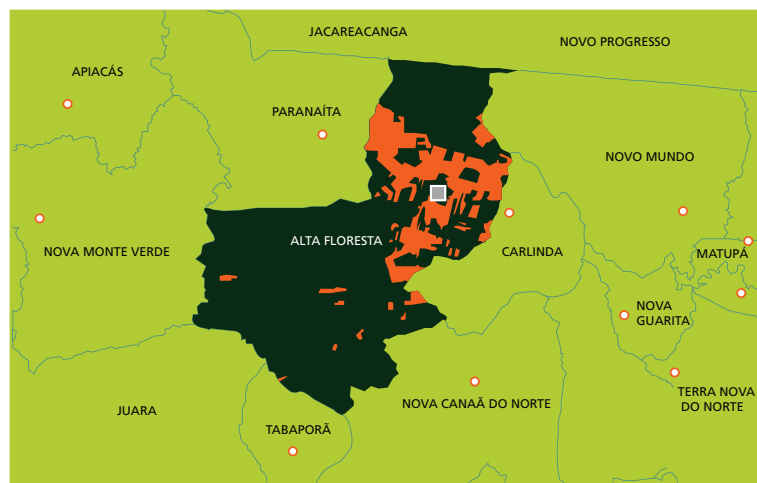
- To support efforts to monitor, prevent and combat deforestation resulting from fires and unauthorized burn-offs in the state of Pará, by providing training, purchasing support equipment, and improving the physical and operational infrastructure of the Military Fire Fighters Department in the state of Pará;
- Strengthening the CBMPA will foster a decrease in the number of hot spots, with the subsequent improvement of air quality in the region by reducing air pollutants, with special emphasis on particles that cause respiratory diseases;
- To prevent the destruction of local fauna and flora and the loss of ground coverage in the area; and
- To prevent surface soil from eroding, as well as preventing the increased erosion and silting of bodies of water.



# OLHOS D'ÁGUA DA AMAZÔNIA

*Amazon Olhos d'Água*

*“The project is helping the municipality to put public environmental policy into practice. It fosters a range of issues, ranging from environmental and land-title regularization of rural properties to recovery of its springs and water courses. Alta Floresta is becoming green” – José Alesando Rodrigues, executive coordinator of the project.*



RESPONSIBLE FOR THE PROJECT	Municipality of Alta Floresta, state of Mato Grosso < <a href="http://www.olhosdaguadaamazonia.altafloresta.mt.gov.br">www.olhosdaguadaamazonia.altafloresta.mt.gov.br</a> >
TERRITORIAL SCOPE	Municipality of Alta Floresta, state of Mato Grosso
BENEFICIARIES	Local population, specially farmers
OBJECTIVE	To strengthen the environmental management in the municipality, through environmental assessment and registration of small farms in the Rural Environmental Register (CAR), in addition to fostering efforts to recover degraded permanent preservation areas (APP) close to water sources located on small properties
TOTAL COST OF THE PROJECT	R\$ 2,781,340.40 (US\$ 1,361,066.99)
AMAZON FUND SUPPORT	<b>R\$ 2,781,340.40 (US\$ 1,361,066.99)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 1.25.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 2,698,677.06 (US\$ 1,320,615,15)

## Intervention Logic

The Olhos d' Água da Amazônia project includes efforts to tackle environmental degradation in the rural municipality of Alta Floresta, especially related to springs located on small properties (up to 200 hectares), preventing the lack of water availability in the city.

Among the project activities is the making enrollment in the CAR feasible for small farmers. The project aims to support the development of technical projects so as to recover permanent preservation areas (APP) and springs on small properties, as well as implementing demonstrative projects of agro-forestry systems by planting seeds and saplings, and ecological management of grassland in 19 of Alta Floresta's rural units.

In addition to contributing to the recovery of degraded areas, the Olhos d'Água da Amazônia project provides the tools for local government to improve and strengthen the monitoring and control efforts.

## Expected Results

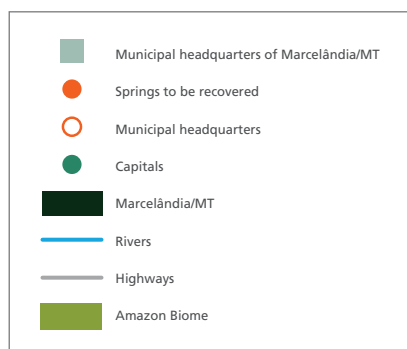
- 2,000 registered small properties;
- Some 1,200 recovered springs; and
- Demonstrative forest systems projects implemented in 20 rural units to disseminate the model in the rest of the municipality.



# RECUPERA MARCELÂNDIA

## *Recovering Marcelândia*

*The project of the municipality of Marcelândia is divided into two main efforts: institutional strengthening of the Secretary of the Environment and the recovery of degraded areas.*



RESPONSIBLE FOR THE PROJECT	Municipality of Marcelândia, state of Mato Grosso <www.marcelandia.mt.gov.br>
TERRITORIAL SCOPE	Municipality of Marcelândia, state of Mato Grosso
BENEFICIARIES	Local people, in particular, farmers
OBJECTIVES	To foster the strengthening of environmental management in the municipality and recover degraded areas in the surroundings of 50 springs in the sub-basin of the Manissauá-Missu river, located near the urban area in the municipality
TOTAL COST OF THE PROJECT	R\$ 686,630.30 (US\$ 336,007.00)
AMAZON FUND SUPPORT	<b>R\$ 669,126.00 (US\$ 327,441.15)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 5.24.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

Marcelândia's project is divided into two main efforts: Municipal Secretariat of Environment and Tourism (SEMMAAT)'s institutional strengthening and recovery of degraded areas.

In the first project effort, SEMMAAT will be equipped and its technicians will receive training. The second effort will face the degradation of deforested areas, especially riparian forest areas surrounding fifty springs in sub-basin located in the Manissauá-Missu River, by planting seeds and saplings to be grown in the nursery.

The following efforts are expected: environmental diagnosis of areas for recovery, training the local community as well as implementing a demonstrative environmental recovery unit on one of the properties so that the model can be replicated by other landowners in the municipality.

## Expected Results

- Strengthening monitoring and control efforts in the municipality, which is part of the priority municipalities of the Ministry of the Environment with the highest deforestation rates in the Amazon; and
- Recovering 157 hectares of permanent preservation areas, surrounding 50 springs that are degraded.



# PRESERVAR PORTO DOS GAÚCHOS

*Preserving Porto dos Gaúchos*

*“The partnership with the Amazon Fund made this Secretariat a solid tool for environmental preservation since it was created with few resources. The vehicle provided the needed mobility to reach and make landowners aware of deforestation and burn-offs” – Mário Henrique Lara Ferreira, municipal secretary.*





RESPONSIBLE FOR THE PROJECT	Municipality of Porto dos Gaúchos, state of Mato Grosso <www.portodosgauchos.mt.gov.br>
TERRITORIAL SCOPE	Municipality of Porto dos Gaúchos, state of Mato Grosso
BENEFICIARIES	Local population
OBJECTIVE	To foster the strengthening of environmental management in the municipality through physical and operational structuring of the Municipal Secretariat of Environment and Tourism (SEMMAT)
TOTAL COST OF THE PROJECT	R\$ 134,897.00 (US\$ 66,012.72)
AMAZON FUND SUPPORT	<b>R\$ 133,890.00 (US\$ 65,519.94)</b>
ESTIMATED COMPLETION DATE	<b>12 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 8.12.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 120,655.00 (US\$ 59,043.31)

## Intervention Logic

The environmental situation in Porto dos Gaúchos is similar to other municipalities in the mid-north state that underwent rapid expansion during occupation, primarily through cattle-raising, agriculture and uncontrolled logging. Thus, the municipality presents degradation problems in permanent preservation areas, burn-offs and illegal deforestation.

Since 2008, Porto dos Gaúchos has been on the list of the Ministry of the Environment, together with priority municipalities to prevent and combat deforestation in the Legal Amazon. However, in recent years, the rate of deforestation has fallen significantly from 32 km<sup>2</sup>/year in 2006 to 22km<sup>2</sup>/year in 2010, remaining at this level in 2010-2011.

The Porto dos Gaúchos project aims at providing the instruments for environmental management, physically and operationally structuring Municipal Environment and Tourism Secretariat (SEMMAT) to combat and control deforestation.

## Expected Result

- Strengthening monitoring and control of deforestation in the municipality to overcome the existing environmental problems.



# NASCENTES DO BURITI

*Buriti Springs*

*“The project was good because we saved money on the purchase of seeds and saplings, wire and wood to fence the river banks and we have technical assistance to plant saplings. The cost to recover is very high; without such support, it would be difficult” – Benedito Antonio Ragonha, farmer.*



RESPONSIBLE FOR PROJECT	Municipality of Carlinda, state of Mato Grosso <www.carlinda.mt.gov.br>
TERRITORIAL SCOPE	Municipality of Carlinda, state of Mato Grosso
BENEFICIARIES	Local population, in particular, farmers
OBJECTIVE	To foster the strengthening of the environmental management in the municipality, especially in physical structuring of the Secretariat of the Environment and Tourism of Carlinda; and to foster efforts to recover 1,722 hectares of permanent preservation areas (APP) in the surrounding areas of the springs
TOTAL COST OF THE PROJECT	R\$ 1,888,581.50 (US\$ 924,189.63)
AMAZON FUND SUPPORT	<b>R\$ 1,870,581.50 (US\$ 915,381.21)</b>
ESTIMATED COMPLETION DATE	<b>48 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 9.6.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 1,367,097.40 (US\$ 668,997.99)

## Intervention Logic

The Nascentes do Buriti project focuses on recovering permanent preservation areas (APP) in five rivers with a total area of 2,668 hectares, of which 1,722 hectares are degraded APP that will be recovered.

Carlinda City Hall is still expected to increase the production of its nursery by purchasing several pieces of equipment and hiring two nursery workers to operate in the project. In addition to this, the project aims at strengthening municipal environmental management, by physically structuring the Municipal Environment and Tourism Secretariat (SEMMAT).

## Expected Results

- Strengthening municipal environmental management by physically structuring the SEMMAT;
- Expanding the production capacity of the municipal nursery; and
- Recovering 1,722 hectares of APP in the springs surroundings, located near the municipality's urban area.



# ANAPU RUMO AO SELO VERDE

*Anapu – Towards the Green Seal*

*The project aims at strengthening the  
Municipal Environment and Tourism  
Secretariat (SEMMAT) to better apply  
municipal policies.*





RESPONSIBLE FOR THE PROJECT	Municipality of Anapu, state of Pará
TERRITORIAL SCOPE	Municipality of Anapu, state of Pará
BENEFICIARIES	Local population (approximately 5,000 families)
OBJECTIVE	To structure and modernize the Municipal Environment and Tourism Secretariat (SEMMAT) in the municipality of Anapu, so that the municipality can obtain the Green Municipality seal
TOTAL COST OF THE PROJECT	R\$ 497,270.00 (US\$ 243,342.30)
AMAZON FUND SUPPORT	<b>R\$ 431,940.00 (US\$ 211,372.64)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 3.23.2012
DISBURSED AMOUNT (UP TO 12.31.2012)	-

## Intervention Logic

The Anapu Rumo ao Selo Verde project aims at strengthening the Municipal Environment and Tourism Secretariat (SEMMAT) to better monitor municipal policies, monitoring, controlling, planning, supervising and licensing environmental activities.

In this sense, the municipality of Anapu will physically and operationally structure SEMMAT, by building its own headquarters, purchasing operational equipment, as well as supporting and training its employees. An effort aimed at building city-wide environmental legislation, more specifically the Municipal Environmental Plan, will also be carried out.

## Expected Result

- Strengthening municipal environmental management by physically and operationally structuring the Municipal Environment and Tourism Secretariat so as to ensure the sustainable development of the municipality of Anapu.

# JACUNDÁ, MUNICÍPIO DE ECONOMIA VERDE

*Jacundá, Green Municipality Economy*

*The project aims at strengthening municipal environmental management by physically and operationally structuring the Municipal Environment and Tourism Secretariat (SEMATUR).*



RESPONSIBLE FOR THE PROJECT	Municipality of Jacundá, state of Pará
TERRITORIAL SCOPE	Municipality of Jacundá, state of Pará
BENEFICIARIES	Local people, in particular, farmers
OBJECTIVES	To strengthen municipal environmental management, through: (i) the physical and operational structure of the Municipal Secretary of Environment and Tourism (SEMATUR); (ii) the expansion of production capacity of municipal livestock; and (iii) drawing up a study to characterize the municipal territory
TOTAL COST OF THE PROJECT	R\$ 820,860.00 (US\$ 401,693.17)
AMAZON FUND SUPPORT	<b>R\$ 792,200.00 (US\$ 387,668.22)</b>
ESTIMATED COMPLETION DATE	<b>18 months</b> (from date contract was signed)
SITUATION ON 12.31.2012	Contracted on 8.31.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The municipality of Jacundá currently faces a number of environmental problems caused by several socio-economic activities carried out in its territory and the urban sprawl. To overcome these problems, this project aims at strengthening the municipal environmental management by physically and operationally structuring the Municipal Environment and Tourism Secretariat (SEMATUR), developing an economic-environmental database and expanding the municipal nursery.

Developing an economic-environmental database aims at supporting the municipality with territorial classification data for strategic planning to implement and apply urban planning, so as to recover degraded areas, among other procedures to maintain and expand its green areas. With this, developing this database will include the study to classify the municipal territory (Ecologic-Economic Zoning (ZEE) initial phase) and human resources training.

## Expected Results

- Structuring SEMATUR to improve municipal environmental management;
- Preparing a study to classify the municipal territory; and
- Expanding the production capacity of the municipal nursery.



# PORTO DE MOZ SUSTENTÁVEL

*Sustainable Porto de Moz*

*The project will contribute to strengthening municipal environmental management by physically and operationally structuring the Municipal Environmental Secretariat (Semma).*





RESPONSIBLE FOR THE PROJECT	Municipality of the Port of Moz, state of Pará <www.portodemoz.pa.gov.br>
TERRITORIAL SCOPE	Municipality of the Port of Moz, state of Pará
BENEFICIARIES	Local population (approximately 8.7 families)
OBJECTIVE	To strengthen the environmental management of the municipality of Porto de Moz, through: (i) physically and operationally structuring the Municipal Environment Secretariat; and (ii) conducting a characterization study – initial phase (diagnosis) of Ecologic-Economic Zoning (ZEE) – of the part of the municipal territory surrounding the Reserva Extrativista Verde para Sempre (Forever Green Extraction Reserve)
TOTAL COST OF THE PROJECT	R\$ 345,401.46 (US\$ 169,024.45)
AMAZON FUND SUPPORT	<b>R\$ 337,206.46 (US\$ 165,014.17)</b>
ESTIMATED COMPLETION DATE	<b>18 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Approved on 8.7.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

As it is located in the Xingu Integration region – one of the 12 integration regions in the state of Pará –, where large infrastructure projects are to be implemented, the municipality of Porto de Moz became a priority in developing a plan aimed at maximizing the benefits generated by the projects and in mitigating potential negative impacts, particularly of a social and environmental nature.

This project, therefore, will help strengthen the environmental management of Porto de Moz, through investment to physically and operationally structure its Environmental Secretariat (SEMMA), including training its technical staff to intensify supervision and environmental monitoring activities, and to develop a classification study – initial phase (diagnosis) of Ecologic-Economic Zoning (ZEE) – of the municipal territory located in the surroundings of Reserva Extrativista Verde Para Sempre (RESEX – Forever Green Extraction Reserve).

## Expected Results

- Physically and operationally structuring the SEMMA; and
- Creating a detailed study – initial phase of the ZEE – on the portion of the municipal territory located in the surrounding areas of the RESEX.

# NOVA CARTOGRAFIA SOCIAL NA AMAZÔNIA

*New Social Mapping in the Amazon*

*The project, via social mapping, will reveal the reality of 27 traditional communities that live in the Amazon Biome.*



RESPONSIBLE FOR THE PROJECT	University of the State of Amazonas/Muraki Institutional Support Foundation <www.novacartografiasocial.org.br>
TERRITORIAL SCOPE	All states in the Amazon Biome
BENEFICIARIES	27 people and traditional communities of the region and People and Traditional Communities and Researchers network, which comprises about seventy researchers
OBJECTIVE	To foster social mapping of 27 communities of the Amazon Biome and to strengthen research network involved in the project
TOTAL COST OF THE PROJECT	R\$ 4,614,587.03 (US\$ 2,258,178.14)
AMAZON FUND SUPPORT	<b>R\$ 4,614,587.03 (US\$ 2,258,178.14)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 5.6.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 2,049,672.56 (US\$ 1,003,020.58)

## Intervention Logic

Occupation of the Amazon territories by traditional people and communities – social groups that have significant knowledge on ecosystems and biodiversity in the region – is an important factor in preserving forests. Due to this, strengthening associations and the structure of communities, as well as consolidating and disseminating practical knowledge from traditional people and communities, are important strategies to multiply the local knowledge on the sustainable use of natural resources.

The University of the State of Amazonas (UEA), through a participatory methodology called social mapping, will portray the reality of 27 native groups and communities that live in the Amazon Biome.

Maps will pinpoint the economic activities developed in the region, the characteristics on the use of natural resources, and the community's social organization. Workshops will be conducted by researchers with the active participation of community members to build maps.

## Expected Results

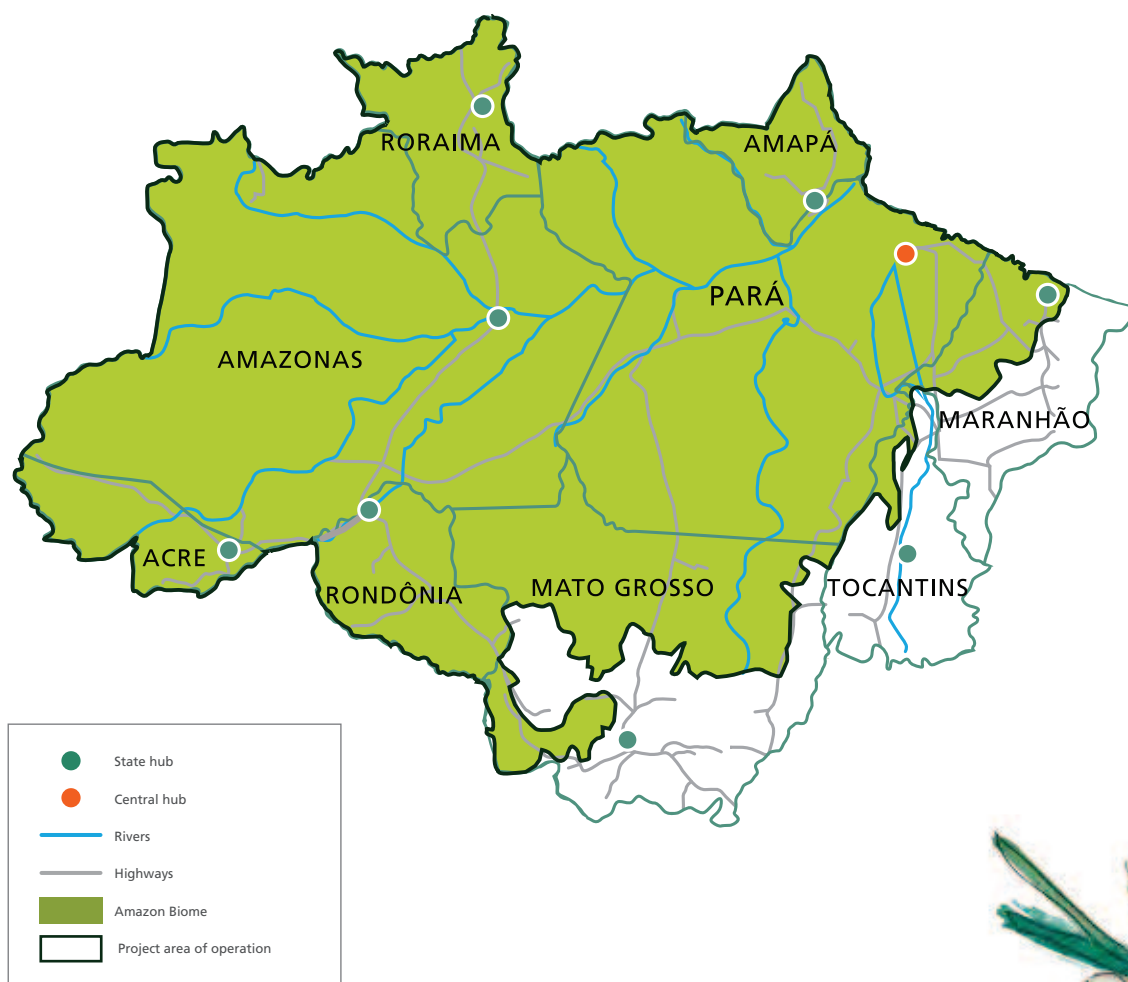
- 27 edited and published issues;
- 12 integrating meetings with the participation of approximately 1,100 people;
- Expanding UEA's laboratory infrastructure; and
- Training and settling researchers.



# INCUBADORA DE POLÍTICAS PÚBLICAS DA AMAZÔNIA

*Amazon Public Policies Incubator*

*“The Amazon Public Policies Incubator Project provides an opportunity for scientific agencies and their Amazon representatives to develop knowledge on the Amazon in suitable proportions. This will make the knowledge more legitimate: from the Amazon to the Amazon” – Prof. Siney Ferraz, State University of Maranhão, Imperatriz (MA).*



RESPONSIBLE FOR THE PROJECT	Federal University of Pará/Research Development Foundation <www.naea.ufpa.br>
TERRITORIAL SCOPE	All states in the Amazon Biome
BENEFICIARIES	Federal University of Pará
OBJECTIVE	To develop an interdisciplinary research project on the socioeconomic and environmental impacts resulting from expanding the economic frontier of the Amazon, within the scope of the Incubator of Public Policies of the Amazon, linked to the Forum for Research and Graduation Studies in Sustainable Development of the Amazon
TOTAL COST OF THE PROJECT	R\$ 2,704,084.90 (US\$ 1,323,261.51)
AMAZON FUND SUPPORT	<b>R\$ 2,704,084.90 (US\$ 1,323,261.51)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 12.9.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 1,259,984.20 (US\$ 616,581.45)

## Intervention Logic

The Nucleus for Amazonian Higher Studies (NAEA) is linked to the Federal University of Pará (UFPA) and is responsible for the executive secretariat of the Sustainable Amazon Forum, which offers 19 graduate programs with expertise in topic areas of public policy and sustainable development in the nine states of the Legal Amazon.

Linked to this forum is the Amazon Public Policies Incubator, whose mission is to contribute to designing, creating, monitoring and assessing public policies for sustainable development in the region, based on scientific knowledge, traditional knowledge and qualified participation of regional agents.

The project's goal is to strengthen the Amazon Public Policy Incubator through an interdisciplinary research project on the social, economic and environmental impacts caused by the expansion of the economic frontier in the Amazon.

## Expected Results

- Producing socio-environmental indicators for each meso-region in the states in the Legal Amazon and identifying those most threatened by deforestation; and
- The incubator's proposed action strategies to help develop public policies and priority projects to improve governance as well as social and environmental management in protected areas, settlement and colonization projects, and other production units in the meso-regions.



# COMPOSTOS BIOATIVOS DA AMAZÔNIA

## *Amazon Bioactive Compost*

*Developing technological applications and products using Amazonian biodiversity can add value to the raw materials in the region and become an alternative to economic development in the region.*





RESPONSIBLE FOR THE PROJECT	Federal University of Pará (UFPA) / Research Development Foundation of the state of São Paulo (FADESP) <www.portal.ufpa.br>
TERRITORIAL SCOPE	State of Pará
BENEFICIARIES	UFPA; small farmers, potential raw materials suppliers for bioactive compounds production; and companies in the Amazon Region that deal with products related to bioactive compounds
OBJECTIVES	i. Install a pilot plant in the UFPA's food laboratory in order to produce and characterize extracts rich in bioactive compounds; and ii. Develop new products and technological applications from bioactive compounds extracted from plants and typical fruits in the eastern Amazon
TOTAL COST OF PROJECT	R\$ 1,413,357.00 (US\$ 691,635.43)
AMAZON FUND SUPPORT	<b>R\$ 1,352,336.00 (US\$ 661,774.41)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 8.21.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The project aims at developing new products and technological applications from bioactive composts extracted from typical plants and fruits from the Eastern Amazon.

To this end, a pilot plant will be installed in the Food Laboratory at the Federal University of Pará (UFPA), where the bioactive composts will be extracted, processed, purified, concentrated and fractionated. In this project, product development research or technological applications were divided into two lines: one to be carried out in partnership with a private company and a cooperative; and another in which research will be performed only by UFPA with no participation of private partners.

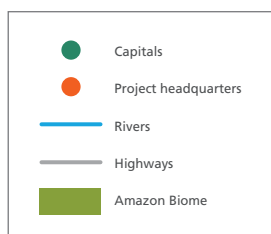
## Expected Results

- Installing a pilot plant in UFPA's Laboratory Food to produce and characterize extracts rich in bioactive compost; and
- Developing new products and technological applications using bioactive compost extracted from typical plants and fruits from the Eastern Amazon, such as solar photochemical sun protectors, anti-aging creams and functional food in capsules.

# ILHAS DE BELÉM

*Belém Islands*

*The research project of the Federal University of the Pará (UFPA) will develop a methodology to help establish the economic-environmental zoning on islands located in the surrounding areas of the city of Belém.*



RESPONSIBLE FOR THE PROJECT	Federal University of Pará (UFPA)/Research Development Foundation (FADESP) <www.portal.ufpa.br>
TERRITORIAL SCOPE	State of Pará
BENEFICIARIES	UFPA; population of islands in the surroundings of Belém; and those responsible for implementation of public policies on land management
OBJECTIVES	i. Implementation of a methodology to supporting Ecological Economic Zoning in local scale of the islands of Belém; ii. Expansion of UFPA's Aquatic Ecology and Fishing Post-graduation Programme research infrastructure
TOTAL COST OF THE PROJECT	R\$ 1,138,083.93 (US\$ 556,928.76)
AMAZON FUND SUPPORT	<b>R\$ 1,138,083.93 (US\$ 556,928.76)</b>
ESTIMATED COMPLETION DATE	<b>30 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 7.17.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 620,525.20 (US\$ 303,658.04)

## Intervention Logic

The project will generate priority maps indicating areas for environmental conservation and to encourage sustainable development on islands surrounding the city of Belém, mainly the islands of Combu, of Onças, Mosqueiro, and Outeiro.

It is worth noting that the survey, georeferencing and processing of biological and socioeconomic data will produce detailed information on the local economy, agricultural capacity, fish reproduction zones and feeding, among other regional aspects, presented on maps.

In addition to this, an executive summary will be published at the end of the survey, which will include a script on how the methodology was implemented in the research to help related projects in the Amazon region, mainly in estuaries.

## Expected Results

- Implementing methodology to create economic and environmental zoning on a local scale of islands surrounding the city of Belém; and
- Research Infrastructure of UFPA's Graduate Program for Aquatic Ecology and Fishing.



# FLORESTAS DE MANGUE

## Mangrove Forests

*The project will focus on two traditional communities of RESEX Marina Caeté-Taperaçu, Tamatateua and Taperaçu, and aims at developing knowledge and techniques to recover degraded mangrove areas in the North region; in addition to developing biomass and carbon sequester estimation models in mangrove forests.*



RESPONSIBLE FOR THE PROJECT	Federal University of Pará (UFPA)/Research Development Foundation (FADESP) <www.portal.ufpa.br>
TERRITORIAL SCOPE	Municipality of Bragança, state of Pará
BENEFICIARIES	Traditional communities of Tamatateua and Taperaçu; as well as other communities living within the scope of the Caeté-Taperaçu Marine Extraction Reserve, who benefit indirectly from the project
OBJECTIVES	I. Research and development of knowledge and techniques related to recovery of degraded areas in mangroves in the North Region; II. Development of biomass and carbon sink estimation models as well as assessment of carbon stock in mangrove forests; and III. Expansion and improvement of UFPA's Laboratory of Mangrove Ecology (LAMA) infrastructure by means of facility building and equipment acquisition
TOTAL COST OF THE PROJECT	R\$ 1,982,143.00 (US\$ 969,974.55)
AMAZON FUND SUPPORT	<b>R\$ 1,982,143.00 (US\$ 969,974.55)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 7.17.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 1,079,947.00 (US\$ 528,479.08)

## Intervention Logic

The project aims at: researching and developing knowledge and techniques related to the recovery of degraded mangrove areas in the North region; developing models to estimate carbon sequester, biomass and carbon stock assessment of mangrove forests; as well as expanding and improving the infrastructure of Mangrove Ecology Laboratory of UFPA (LAMA) by constructing a building and purchasing laboratory equipment.

The models for estimating the potential of carbon sequester and storage in the Amazon Biome mangroves areas may be used to pay for environmental service markets and to help Reducing Emissions from Deforestation and Degradation (REDD).

The laboratory will house materials and research equipment and will be used for processing and analyzing the material collected. At the end of the project, the laboratory will be used in the ongoing, contributing to consolidating a research center aimed at producing scientific knowledge on the Amazon Mangroves Ecology.

## Expected Result

- Producing technical-scientific information to help develop new restoration techniques in the mangrove ecosystem.



# BIODIVERSIDADE

## Biodiversity

*The Amazon is considered the most significant biodiversity region on the planet, even though only part of it is known. The project coordinated by the Institute of Biological Sciences at the Federal University of Pará (UFPA) aims at strengthening the research infrastructure related to studying the biodiversity in the region.*





RESPONSIBLE FOR THE PROJECT	Federal University of Pará (UFPA) / Research Development Foundation (FADESP) <www.portal.ufpa.br>
TERRITORIAL SCOPE	Municipality of Belém, state of Pará
BENEFICIARIES	UFPA, the scientific community, potential suppliers and other enterprises in the Amazon Region who work with products from biodiversity, such as medicinal drugs and herbicides, and their potential consumers
OBJECTIVE	Strengthening the research infrastructure of the UFPA dedicated to the study of biodiversity, including: (i) Construction and structuring of the Center for Advanced Studies on Biodiversity (CEABIO); and (ii) Reform of the Drug Development Laboratory and the Laboratory of Molecular and Cellular Neurochemistry, and acquisition and installation of equipments in biotechnology research laboratories
TOTAL COST OF THE PROJECT	R\$ 4,639,706.98 (US\$ 2,270,470.75)
AMAZON FUND SUPPORT	<b>R\$ 4,639,706.98 (US\$ 2,270,470.75)</b>
ESTIMATED COMPLETION DATE	<b>24 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 10.2.2012
AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The project, coordinated by the Institute of Biological Sciences at UFPA, seeks to strengthen the research infrastructure related to studying biodiversity in two components. The first component refers to purchasing equipment and constructing a building called the Center for Advanced Biodiversity Studies (CEABIO), which will enlarge the space available to the Institute for Biological Sciences and will bring together UFPA research groups. The building will have several laboratories and classrooms to be used to develop work in several research areas on Amazon biodiversity.

The second concerns remodeling the Pharmaceutical Planning Laboratory and the Laboratory of Molecular and Cellular Neurochemistry as well as purchasing equipment to be used by UFPA's biotechnology group, coordinated by the Institute of Biological Sciences, but that also brings together researchers linked to the Institute of Exact and Natural Sciences.

The laboratories to be structured will house the following research teams: planning and development of medicine using Amazon biodiversity; isolation of peptides from Amazonian seeds with biological activities of biomedical interest; and development of bioherbicides by classifying the substances produced by Amazonian plants.

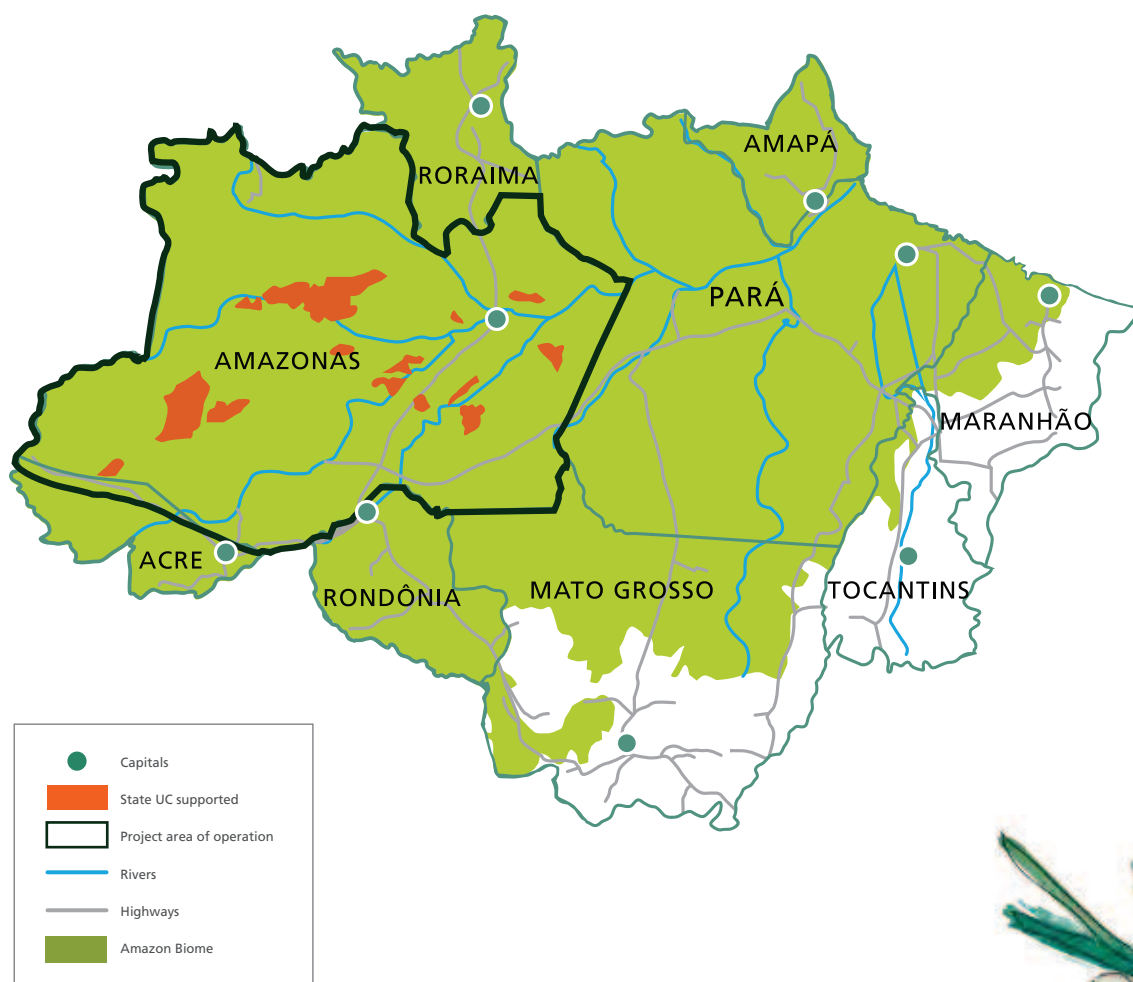
## Expected Results

- Building and structuring the Advanced Center for Biodiversity Studies (CEABIO); and
- Renewing the Pharmaceutical Planning Laboratory and the Molecular and Cellular Neurochemistry Laboratory, as well as purchasing and installing equipment in biotechnology research laboratories.

# BOLSA FLORESTA

## Forest Assistance Program

*“Before the Forest Assistance Program, the community endured a tragic situation. We used to [...] log illegal. Today, we can work in a more untroubled, sustainable way” – José Roberto da Silva, community leader, Sustainable Development Reserve in the municipality of Rio Negro.*



RESPONSIBLE FOR THE PROJECT	Sustainable Amazon Fund (FAS) <www.fas-amazonas.org>
TERRITORIAL SCOPE	20 conservation units in the state of Amazonas, comprising approximately 10 million hectares
BENEFICIARIES	Population in the conservation unit (UC) areas, increasing from 14 to 20 conservation units by 2013
OBJECTIVE	To promote a halt to deforestation and, improve the standard of living of traditional people living in state UC in the Amazonas
TOTAL COST OF THE PROJECT	R\$ 29,934,645.00 (US\$ 14,648,712.99)
AMAZON FUND SUPPORT	<b>R\$ 19,169,087.00 (US\$ 9,380,517.25)</b>
ESTIMATED COMPLETION DATE	<b>60 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 3.31.2010
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 10,752,521.00 (US\$ 5,261,816.00)

## Intervention Logic

The Bolsa Floresta program (PBF) recognizes and rewards the traditional populations that have taken on the commitment to zero deforestation. The program promotes the direct transfer of income to families that adhere to no-deforestation agreement. It includes an across-the-board system for granting benefits and is structured so as to encourage associations, income, sustainable production, and basic social services, by means of four components: Income, Social, Association and Family.

In addition to this, support programs are being implemented to achieve structuring efforts, divided into five main topics: Sustainable Production, Health and Education, Supervision and Monitoring, Management of Conservation Units, and Scientific Development.

Contributions to the project are as follows: 58% for Income; 10% for Association, with support from the Amazon Fund; and 32% for the support program efforts, with counter-resources.

## Expected Results

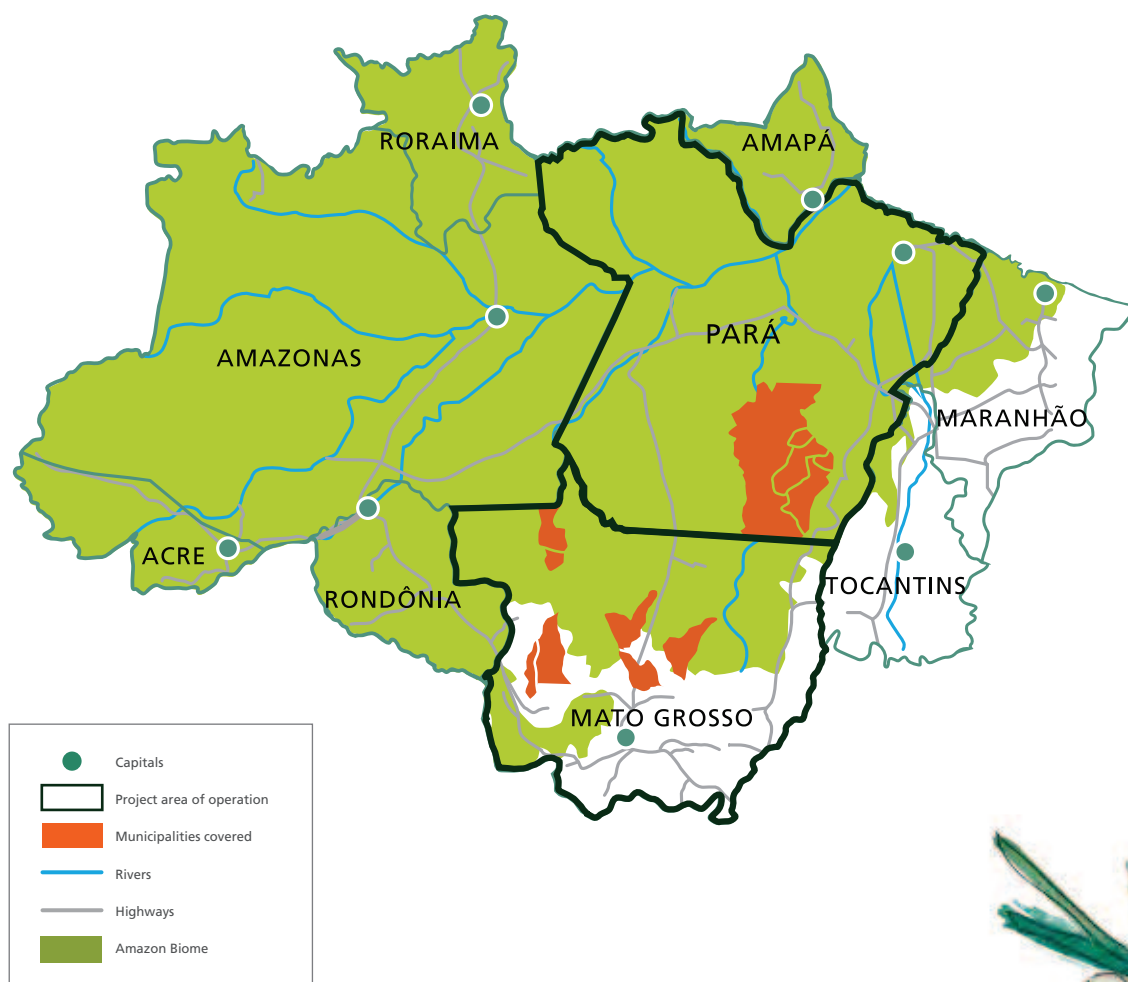
- Inclusion of 3,950 new families, totaling 10,000 families that have benefited from the Bolsa Floresta program; and
- Increasing the number of conservation units (UC) covered by the program from 14 to 20.



# VIRADA VERDE

## Going Green

*“The work that TNC has been developing, with the support of the Amazon Fund and the BNDES, is the basis for an entire restructuring of the production sector in the region” – Afif Jawabri, Rural Union President in the city of Redenção.*



RESPONSIBLE FOR THE PROJECT	The Nature Conservancy do Brasil (TNC Brasil) <portugues.tnc.org/tnc-no-mundo/americas/brasil/index.htm>
TERRITORIAL SCOPE	12 municipalities in the states of Mato Grosso and Pará
BENEFICIARIES	Local population and farmers in the municipalities covered by the project
OBJECTIVE	To contribute to the mobilization of local actors in 12 municipalities in the states of Mato Grosso and Pará, aiming to join Rural Environmental Registry (CAR) and to monitor deforestation in the region by means of satellite images
TOTAL COST OF THE PROJECT	R\$ 19,200,000.00 (US\$ 9,395,644.73)
AMAZON FUND SUPPORT	<b>R\$ 16,000,000.00 (US\$ 7,829,703.94)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from date contract was signed)
SITUATION ON 12.31.2012	Contracted on 4.13.2010
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 11,612,778.00 (US\$ 5,682,788.35)

## Intervention Logic

The project covers 12 municipalities in the Amazon Biome, seven municipalities in the state of Mato Grosso (Campos de Julio, Cotriguaçu, Juruena, Nova Mutum, Nova Ubiratan, Sapezal e Tapurah) and five municipalities in the state of Pará (Bannach, Cumaru do Norte, Ourilândia do Norte, São Felix do Xingu e Tucumã). For the most part, these cities are home to economic activities connected to logging, cattle-raising and agriculture, and/or soybean farming, and suffer from severe deforestation.

With a 36-month deadline, the project aims to raise awareness, mobilize and integrate agents – such as state and local governments, associations, trade unions and rural producers – to implement an economic development model based on environmental adjustments and socio-environmental sustainability in the territory. This will be carried out by promoting Rural Environmental Register (CAR) and encouraging environmental regularization of rural properties in the 12 cities covered in the project.

## Expected Results

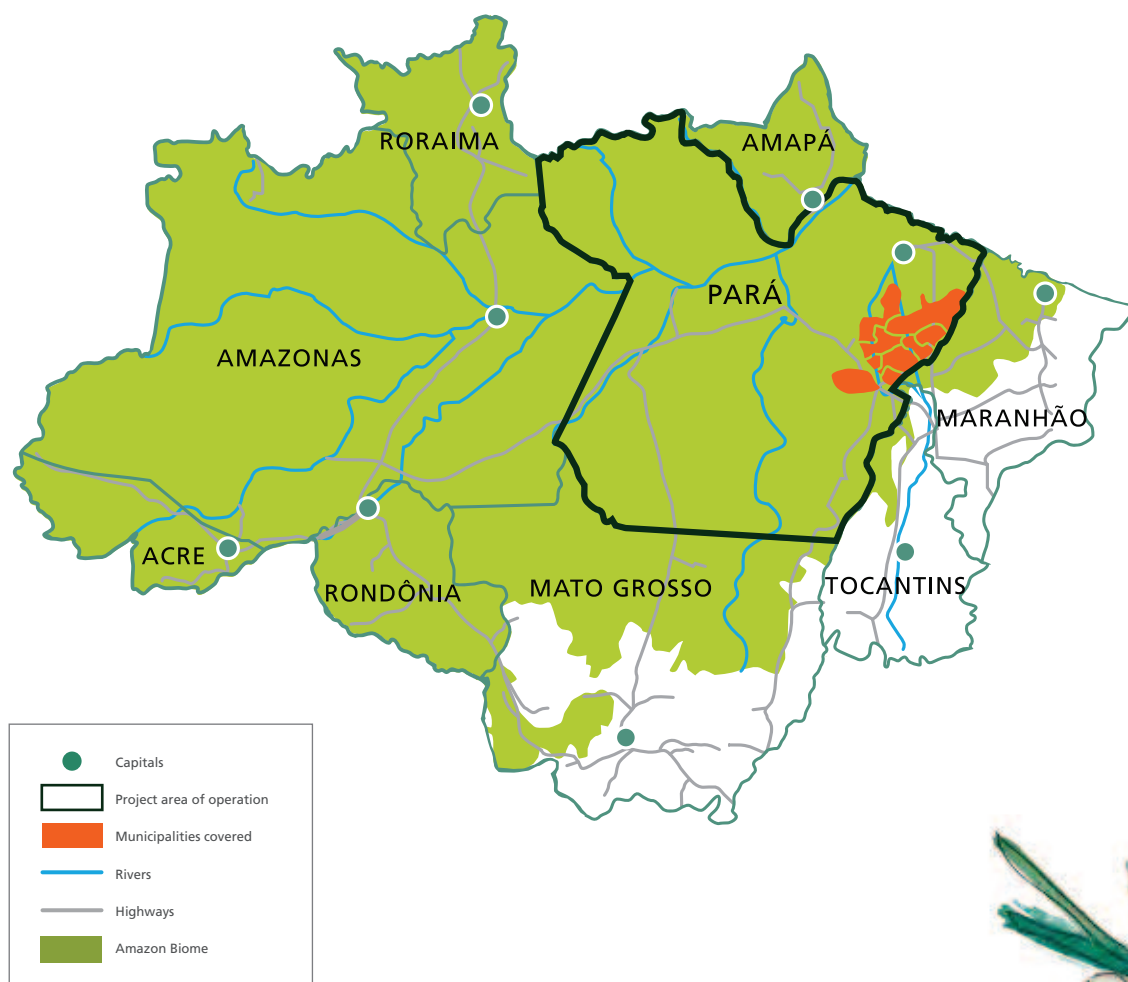
- CAR enrollment of at least 50% of the owners over 150 hectares;
- Website for property registration with data to process environmental adjustments;
- At least 10 million hectares with updated mapping and high resolution satellite imagery available;
- At least 20% of the properties on the CAR for SEMA/PA and SEMA/MT in the final licensing process; and
- Customized monitoring system for the legal reserve and permanent preservation areas (APP), generating maps and reports for registered properties.



# INSTITUTO DO HOMEM E MEIO AMBIENTE DA AMAZÔNIA

*Amazon Institute of People and the Environment*

*“The IMAZON projects supported by the Amazon Fund have been of significant importance to the municipality, due to their efforts, among them, training servers” – Gilberto Miguel Sufredini, municipality of Tailândia (PA).*





RESPONSIBLE FOR THE PROJECT	Institute of Man and Environment in the Amazon (IMAZON) <www.imazon.org.br>
TERRITORIAL SCOPE	11 municipalities in the state of Pará
BENEFICIARIES	Total population in the 11 municipalities
OBJECTIVES	To mobilize state and municipal governments, farmers, labor unions and associations with the aim of accelerating adhesion to the Rural Environmental Registration (CAR); to monitor deforestation through satellite images; and to assist in landscape planning as well as restoration of degraded areas in the Uraim River Basin, in Paragominas
TOTAL COST OF THE PROJECT	R\$ 9,736,473.00 (US\$ 4,764,606.31)
AMAZON FUND SUPPORT	<b>R\$ 9,736,473.00 (US\$ 4,764,606.31)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 7.29.2010
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 6,576,230.49 (US\$ 3,218,121.11)

## Intervention Logic

The project developed by IMAZON involves 11 municipalities in the state of Pará, six of which are on the Ministry of the Environment's list of priority municipalities to prevent and control deforestation in the Amazon, which is based on encouraging farmers to enroll on the Rural Environmental Register (CAR).

The project monitors deforestation in these municipalities by means of satellite images. The IMAZON uses its monitoring system, based on Deforestation Warning System (SAD) to guide the efforts aimed at supporting monitoring and reduction of deforestation.

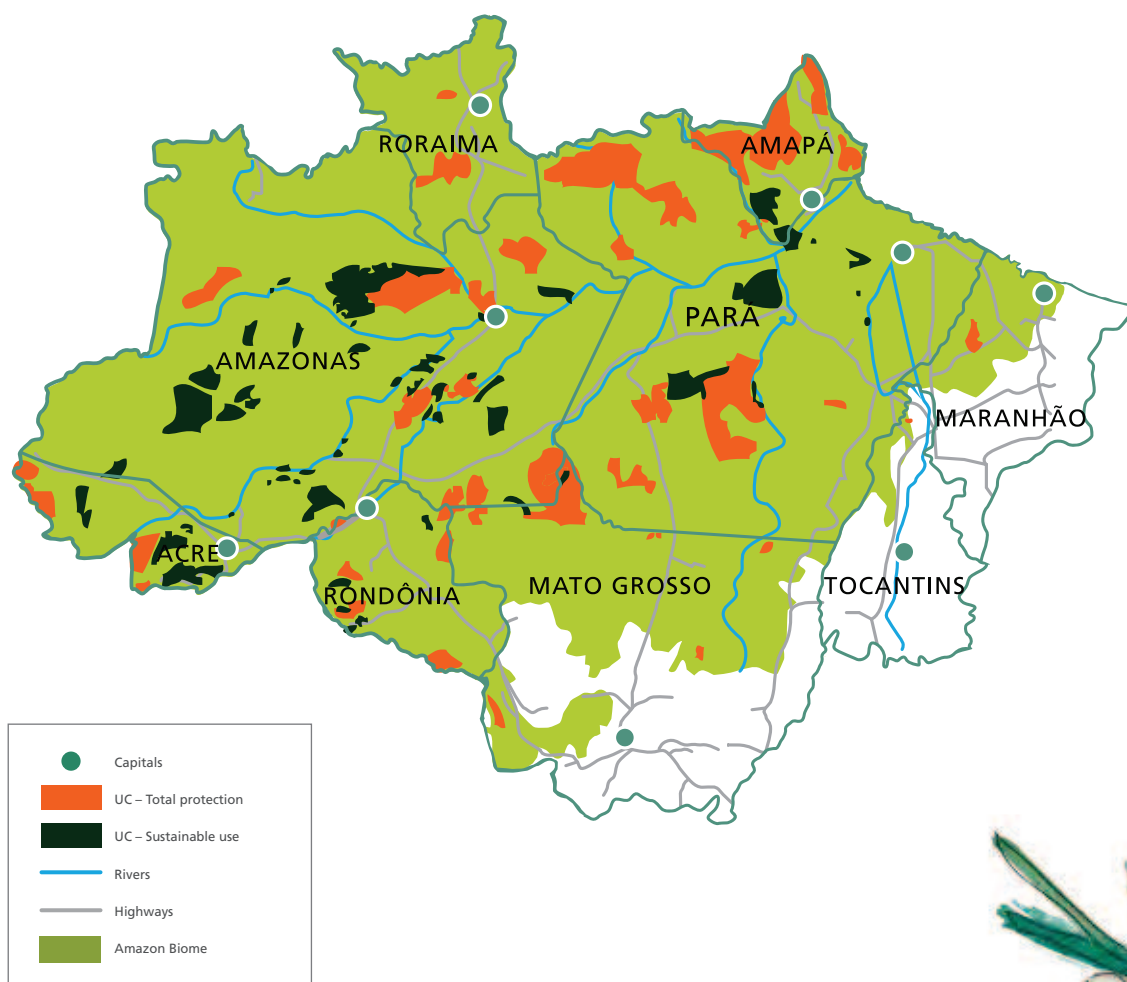
## Expected Results

- Training for municipalities in order to remove them from the Ministry of the Environment's list of priority areas to prevent and control deforestation in the Amazon;
- Establishing environmental pacts to reduce deforestation;
- Increasing transparency of environmental and land-title regularization; and
- Planning to recover degraded areas in the Uraim Basin.

# ÁREAS PROTEGIDAS DA AMAZÔNIA – FASE 2

*Protected Areas in the Amazon*

*“I personally believe that we owe to ARPA what we are today: a strong, implemented unit with a proactive team with vast professional experience” – Simone dos Santos, environmental analyst, Jaru Reserve/Brazilian Biodiversity Fund (FUNBIO).*



RESPONSIBLE FOR THE PROJECT	Brazilian Biodiversity Fund (FUNBIO) <www.programaarpa.org.br> <www.funbio.org.br>
TERRITORIAL SCOPE	All Amazon Biome states
BENEFICIARIES	Population living in the area and in the surrounding areas; employees and institutions responsible for management; management councils; and municipalities
OBJECTIVE	To support the creation and consolidation of conservation units in the Amazon Biome to ensure the conservation of the biodiversity and maintenance of the region's ecological processes and services
TOTAL COST OF THE PROJECT	R\$ 164,294,880.00 (US\$ 80,398,766.82)
AMAZON FUND SUPPORT	<b>R\$ 20,000,000.00 (US\$ 9,787,129.92)</b>
ESTIMATED COMPLETION DATE	<b>48 months</b> (from date contract was signed)
SITUATION ON 12.13.2012	Contracted on 4.22.2010
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 14,999,230.90 (US\$ 7,339,971.08)

## Intervention Logic

The Áreas Protegidas da Amazônia (Amazon Protected Areas - ARPA) program is considered one of the largest in the world in environmental conservation. The first phase, between 2002 and 2009, supported the creation and consolidation of 43 conservation units (UC), totaling 24 million hectares, in addition to supporting the consolidation of another 8.5 million hectares with previously created UC.

Additionally, the program has helped create a computerized system to coordinate and manage the ARPA program (SISARPA), besides carrying out 14 community projects in the surrounding areas of integral protection UC. It also capitalized a fund (Protected Areas Fund-FAP) with approximately US\$ 29.7 million, which will be used to provide financial sustainability for consolidated UC.

## Expected Results

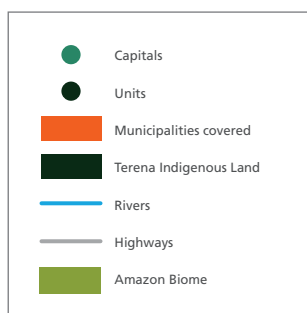
- New UC created (covering 13.5 million hectares) in areas of biogeographic representativeness;
- Consolidation of UC (31.6 million hectares), with construction of basic infrastructure, signaling, protection, biodiversity monitoring, creation of a management plan, as well as training and maintenance of advisory councils;
- Structuring UC that are members of the program, which involves integrated and participatory management;
- Preparing strategic planning for the UC and encouraging the creation of management mosaics; and
- Promoting financial sustainability, with fundraising strategies and capital preservation trust fund in the long term, besides identifying appropriate mechanisms to generate revenue.



# SEMENTES DO PORTAL

## Portal Seeds

*“Today, we no longer have to remove vegetation to plant. It is all put together. It seems that the plants grow faster” – Nilson José Muller, a farmer in the city of Carlinda (MT).*



RESPONSIBLE FOR THE PROJECT	Ouro Verde Institute (IOV) <www.ouroverde.org.br>
TERRITORIAL SCOPE	Seven municipalities that comprise the region known as the Amazon Portal, in the far north of the state of Mato Grosso: Apiacás, Alta Floresta, Carlinda, Nova Guarita, Nova Canaã do Norte, Terra Nova do Norte and Matupá
BENEFICIARIES	Family farmers and the Terena indigenous community of the state of Mato Grosso
OBJECTIVE	To promote environmental recovery of 1,200 hectares of degraded áreas, bringing back the value to family farming in six municipalities in the Portal territory of the Amazon, by disseminating agro-forestry systems that combine the sustainable use of forest with income generation. Besides this, the Terena indigenous community will be trained to collect seeds that will be used in agro-forestry systems
TOTAL COST OF THE PROJECT	R\$ 5,433,450.00 (US\$ 2,658,894.05)
AMAZON FUND SUPPORT	<b>R\$ 5,433,450.00 (US\$ 2,658,894.05)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from date contract was signed)
SITUATION ON 12.31.2012	Contracted on 3.25.2010
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 4,938,285.72 (US\$ 2,416,582.20)

## Intervention Logic

The Sementes do Portal project aims at recovering degraded areas in the Amazon Portal, in the northern area of the state of Mato Grosso, by structuring social and technological bases which enable family farmers to continue environmental recovery on their own.

The use of agro-forestry systems (SAF) for the environmental recovery aims at adapting rural properties to meet environmental legislation; protecting environmental services, in particular water supplies; developing an alternative economic activity on the property; and strengthening food safety for families.

As a complement, the project aims at fostering the collection of native seeds as an important economic activity in the region, in accordance with practices and appropriate environmental parameters for sustainable reproduction of forest resources, minimizing the impacts. This will be possible by implementing seed houses and strengthening a network of collectors that share technical and traditional knowledge on the subject. The participation of the Terena ethnic group in this activity will be of fundamental importance, since their area is well preserved and maintains many forest species difficult to find in the region.

## Expected Results

- Recovering 1,200 hectares of degraded areas in permanent preservation areas (APP) and the legal reserve; and
- Implementing a network of collection, storage and distribution of seeds.



# DISSEMINAÇÃO E APRIMORAMENTO DAS TÉCNICAS DE MANEJO FLORESTAL SUSTENTÁVEL

*Dissemination and Improvement of Sustainable  
Forest Management Techniques*

*The project seeks to reduce the shortage of manpower  
in forest management in the region, as well as changing  
awareness concerning the benefits of adopting good  
practices in the logging sector.*





RESPONSIBLE FOR THE PROJECT	Tropical Forest Institute <www.ift.org.br>
TERRITORIAL SCOPE	States of Pará, Amazonas and Rondônia
BENEFICIARIES	Workers from the timber and forestry sectors, heavy machine operators, forest communities, small farmers, government agents and servants, engineers, auditors, administrators, researchers and students from secondary and tertiary school
OBJECTIVE	To help expand sustainable forest management practices through technical qualification and raising awareness of the key players, workers and applied research
TOTAL COST OF THE PROJECT	R\$ 12,498,000.00 (US\$ 6,115,977.49)
AMAZON FUND SUPPORT	<b>R\$ 7,449,000.00 (US\$ 3,645,216.54)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 4.15.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 4,118,345.00 (US\$ 2,015,338.88)

## Intervention Logic

The Tropical Forest Institute is a benchmark in sustainable forest management in the Amazon, mainly focusing on training, awareness and research of the several components of forest management, with emphasis on developing and validating Reduced-impact techniques (EIR) suitable for tropical forests.

The project aims at reducing the shortage of manpower in forest management in the region, as well as changing awareness with regard to the benefits of adopting good practices in the logging sector if compared to conventional exploration.

These objectives will be achieved by strengthening the institution's activities in capacity-building and awareness-raising by means of internal and external courses, events as well as producing technical advertising material.

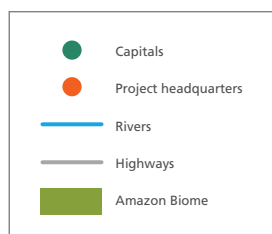
## Expected Results

- Sixty to seventy qualification courses in the Roberto Bauch Forestry Training Center (CT), with a total of 900 people in CT.
- Forty training courses in the forests of family farmers, communities or small businesses, with a total of 400 people;
- Forty to seventy events to raise awareness on conservation and forest management, with a total of 2,100 people; and
- Technical materials for disclosure of management, such as brochures, newsletters and booklets, as well as a simplified version of a forest management handbook.

# CONHECER PARA CONSERVAR

*Knowing to Preserve*

*“Here you can learn many things. We can study in the library, we learn about planting, we go hiking ... My message is: take good care of nature” – Douglas, student, seven years old.*



RESPONSIBLE FOR THE PROJECT	The Amazon Museum (MUSA) <www.museudaamazonia.org.br>
TERRITORIAL SCOPE	Municipality of Manaus, state of Amazonas
BENEFICIARIES	Population of Manaus and nearby cities, domestic and foreign tourists, students of universities, students and teachers from public and private schools of the state of Amazonas and others interested in environmental issues
OBJECTIVE	To implement the MUSA and a Training Center in the Água Branca Settlement, in Manaus, aimed at disseminating knowledge that contributes to the enhancement and conservation of natural resources in the Amazon and its cultural heritage, through an innovative model of forest visits
TOTAL COST OF THE PROJECT	R\$ 8,454,421.00 (US\$ 4,137,225.84)
AMAZON FUND SUPPORT	<b>R\$ 8,454,421.00 (US\$ 4,137,225.84)</b>
ESTIMATED COMPLETION DATE	<b>36 months</b> (from date contract was signed)
SITUATION ON 12.31.2012	Contracted on 9.1.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 2,436,885.00 (US\$ 1,192,505.51)

## Intervention Logic

The Amazon Museum (MUSA) will promote innovative visitation to the Amazon rainforest and dissemination of knowledge on the region by providing experiences that enable the visitor to learn about the cultural and biological diversity in the region. To this end, it will be a “living museum” of biodiversity, based on knowledge acquired by scientific institutions researchers who conduct research in the Amazon basin.

The project is structured into two components. One of them involves a complex of pavilions, ponds, trails, and forest observation towers, connecting an area of approximately thirty hectares in the Adolpho Ducke forest reserve to the current premises of the Botanical Garden in the city of Manaus.

The other component provides supports to structure a training and qualification center in Água Branca, a settlement area of the National Institute of Colonization and Agrarian Reform (INCRA). The goal is to generate economic options based on the sustainable use of the Amazon Biome, creating an innovative model for economic activities that value the “standing forest”, with the possibility to generate income and improve social conditions. Thirty-six families living in Água Branca Settlement will benefit directly.

## Expected Results

- Greater interest in environmental tourism;
- Local population and tourists aware and conscious about the Amazon's biodiversity issues;
- Disseminating knowledge produced by research institutions in the Amazon;
- Conserving the ecological corridor in the Água Branca settlement, preventing the fragmentation of 10,000 hectares in the Ducke Reserve forest; and
- Trained human resources at different levels to facilitate extraction and management activities, environmental management and conservation.



# FUNDO DEMA

## *Dema Fund*

*The project's objective is to support low-cost environmental projects, which serve traditional Amazon communities, such as small rural producers, quilombolas and the indigenous population.*



RESPONSIBLE FOR THE PROJECT	Federation of Agencies for Social and Educational Assistance <www.fase.org.br>
TERRITORIAL SCOPE	Traditional communities in the state of Pará, in the vicinity of the Transamazônica and BR-163 highways and in the northeastern area of Pará
BENEFICIARIES	Amazon traditional communities: small rural producers, quilombolas and indigenous population
OBJECTIVE	To support small-scale socio-environmental projects by means of eight public calls-for-bid to be launched over a three year period
TOTAL COST OF THE PROJECT	R\$ 9,646,983.00 (US\$ 5,142,863.31)
AMAZON FUND SUPPORT	<b>R\$ 9,347,384.00 (US\$ 4,983,145.32)</b>
ESTIMATED COMPLETION DATE	<b>60 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 6.14.2011
AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 590,470.00 (US\$ 288,950.33)

## Intervention Logic

The project's objective is to support low-cost socio-environmental initiatives by means of eight calls-to-submission to be launched over three years, benefiting the Amazon traditional communities (small rural producers, quilombolas and the indigenous population, located in the state of Pará, with a focus on the Transamazon and BR-163 Highways areas in the lower Amazon.

The projects to be selected and supported from these calls-to-submission will fall into at least one of the following areas: sustainable community forest management; economic activities developed from sustainable use of the forest; conservation and sustainable use of biodiversity; and recovery of degraded areas.

## Expected Results

- Eight calls-to-submission released within the scope of Fundo Dema, Pará Quilombola and Indígena Xingu to support small projects for traditional communities; and
- Experience generated from expanding the Fundo Dema as well as using its management structure to support small environmental projects for quilombola communities in the state of Pará and the Xingu Indians.



# FUNDO KAYAPÓ

## Kayapo Fund

*“Improving the standard of living and maintaining the conservation of indigenous lands is a rather long-term challenge. Only a mechanism such as the Kayapo Fund offers this perspective. It is the first of its kind in Brazil, and we hope it can serve as an example for many others in the future” – Fábio Ferreira Leite, Manager of the Brazilian Biodiversity Fund (FUNBIO).*





RESPONSIBLE FOR THE PROJECT	Brazilian Biodiversity Fund (FUNBIO) <www.funbio.org.br>
TERRITORIAL SCOPE	Kayapo, Menkragnoti, Baú and Badjonkore indigenous lands, in the south of the state of Pará; and Capoto-Jarina indigenous land, in the north of the state of Mato Grosso
BENEFICIARIES	Kayapo indigenous communities
OBJECTIVE	To ensure non-reimbursable financing for the Kayapo organization's projects aimed at sustainable production activities, strengthening the institution, preventing deforestation, conserving biodiversity and protecting land, by implementing a long-term financial and operating mechanism, called the Kayapo Fund
TOTAL COST OF THE PROJECT	R\$ 23,300,000.00 (US\$ 11,402,006.36)
AMAZON FUND SUPPORT	<b>R\$ 16,900,000.00 (US\$ 8,270,124.79)</b>
ESTIMATED COMPLETION DATE	<b>72 months</b> (from date contract was signed)
SITUATION ON 12.31.2012	Contracted on 11.21.2011
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 7,196,000.00 (US\$ 3,521,409.35)

## Intervention Logic

The Kayapo Fund project aims at preserving five stretches of Kayapo indigenous land (TI) located in the south of the state of Pará and northern Mato Grosso, in a region on the Deforestation Belt. They include: Kayapo TI, Menkragnoti TI, Baú TI, Bandjakôre TI, and Capoto-Jarina TI.

These TIs form an adjacent block located in the Xingu Basin and cover a total area of 10.6 million hectares. With this, its territory is one of the largest stretches of protected tropical rainforest in the world and represents a significant portion of the Biodiversity Corridor of South Amazon Ecotones, classified as an important region for its rich biodiversity and for its species that are considered globally endangered.

The Kayapo Fund should constitute a long-term operational and financial mechanism to support project development for Kayapo organizations focused on sustainable production activities, strengthening institutions, preventing deforestation, conserving biodiversity and protecting Kayapo indigenous lands.

## Expected Results

- Improving the Kayapo Indians' standard of living by developing sustainable production activities;
- Conserving the forest and biodiversity as a result of improving institutional capacity and protecting Kayapo TIs.

# ASSENTAMENTOS SUSTENTÁVEIS NA AMAZÔNIA

*Sustainable Settlements in the Amazon*

*The project aims at developing and implementing a sustainable production model on small rural properties located in three settlements of the Institute of Colonization and Agrarian Reform (INCRA), in the west of the state of Pará.*



RESPONSIBLE FOR THE PROJECT	Environmental Research Institute of the Amazon (IPAM) <www.ipam.org.br>
TERRITORIAL SCOPE	West of the state of Pará, the municipalities of Anapu, Pacajá, Senador José Porfírio, Mojuí dos Campos and Aveiros
BENEFICIARIES	2,769 families settled by the agrarian reform by Institute of Colonization and Agrarian Reform (INCRA), covering approximately 13,845 persons
OBJECTIVE	In settlements of INCRA, in the west of the state of Pará, to support the development of a demonstration on sustainable production and implementation of payment for environmental services for families committed to reducing deforestation
TOTAL COST OF THE PROJECT	R\$ 25,482,194.37 (US\$ 12,469,877.35)
AMAZON FUND SUPPORT	<b>R\$ 24,939,200.37 (US\$ 12,204,159.71)</b>
ESTIMATED COMPLETION DATE	<b>60 months</b> (from date contract was signed)
SITUATION ON 12.31.2012	Contracted on 2.14.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 4,491,898.55 (US\$ 2,198,139.74)

## Intervention Logic

With a five-year deadline, the project aims to develop a demonstrative experience of sustainable production on small rural properties, reaching 2,769 families living on agrarian reform settlements of the Institute for Colonization and Agrarian Reform (Incra), in the west of the state of Pará.

Also, a mechanism is to be implemented to pay 350 families, who reside near the Transamazônica Highway (BR-230), for environmental services, as well as carrying out the preparatory stages for environmental regularization of these family-owned properties.

## Expected Result

- Demonstrative experience for developed sustainable production and implementing payment for environmental services for families committed to reducing deforestation on INCRA's settlements in the west of Pará.



# FUNDAÇÃO BANCO DO BRASIL – FUNDO AMAZÔNIA

*Banco do Brasil Foundation – Amazon Fund*

*The project will provide support to solidarity undertakings and social technology by means of studies on economic feasibility throughout the Amazon.*



RESPONSIBLE FOR THE PROJECT	Banco do Brasil Foundation (FBB) <www.fbb.org.br>
TERRITORIAL SCOPE	Amazon Biome
BENEFICIARIES	Amazon's traditional communities; family farmers, rural workers integrated to settlement projects, Amazon's low-income populations and solidary economy or collective undertakings, nonprofit private institutions, municipal, state or federal administrations and research support foundations
OBJECTIVE	To support projects related to the development of productive activities aligned with conservation and sustainable use of the Amazon Biome
TOTAL COST OF THE PROJECT	R\$ 25,000,000.00 (US\$ 12.233.912,41)
AMAZON FUND SUPPORT	<b>R\$ 15,000,000.00 (US\$ 7,340,347.44)</b>
ESTIMATED COMPLETION DATE	<b>24 month</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 6.18.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The project is part of a proposal for financial and technical cooperation between the Amazon Fund and Banco do Brasil Foundation (FBB), aimed at supporting projects that enable the development of production activities, as well as fostering conservation and the sustainable use of the Amazon Biome.

Efforts supported will be chosen by the foundation using territorial diagnosis and by verifying the feasibility and appropriateness of their application and development. To this end, the FBB will coordinate the work of local agents to assist throughout the innumerable steps in this process.

## Expected Results

- Structured solidarity undertakings in production activities in the region, such as açai berry, cupuaçu, Brazil nuts, bananas, cocoa, fish farming, beekeeping, babassu, guarana (Amazonian berries), oils and essences, cassava, passion fruit, artisan fishing, rubber, handicrafts, agro-ecology, among others;
- Reapplication of social technologies in several areas, such as food security, recovery of degraded areas, rational management and use of soil in the agro-forestry system;
- Supporting efforts for land-title regularization and licensing; and
- Efforts towards sustainable forest management, reforestation, forest certification and recovery of deforested areas.



# PEQUENOS PROJETOS ECOSSOCIAIS NA AMAZÔNIA

*Small Eco-social Projects in the Amazon*

*“In addition to preserving the environment, eco-social projects have an important impact on empowering local community associations, agents who are extremely important to sustainable development in the regions” –*

*Fábio Ribeiro Vaz de Almeida, Executive Coordinator of the Society, People and Nature Institute (ISPN).*





RESPONSIBLE FOR THE PROJECT	Society, Population and Nature Institute (ISPN) <www.ispn.gov.br>
TERRITORIAL SCOPE	States of Mato Grosso, Tocantins and Maranhão, limited to the Amazon Biome
BENEFICIARIES	Family farmers, as well as traditional communities and people in the Amazon Biome
OBJECTIVE	To help carry out four calls-to-bid to select and finance low-scale socio-environmental projects aimed at family farmers, as well as traditional communities and people in the Amazon Biome in the state of Mato Grosso, Tocantins and Maranhão
TOTAL COST OF THE PROJECT	R\$ 15,755,179.21 US\$ 7,709,899.30
AMAZON FUND SUPPORT	<b>R\$ 12,843,876.04 (US\$ 6,285,234.18)</b>
ESTIMATED COMPLETION DATE	<b>60 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Contracted on 9.25.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	R\$ 579,400.00 (US\$ 283,533.15)

## Intervention Logic

The project aims at continuing and expanding the Pequenos Projetos Eossociais na Amazônia (Small Eco-Social Projects Program – PPP-Ecos) from the transition region of the Cerrado biome to the Amazon Biome. This initiative has been effective since 1994 and, through calls-to-submission, supports low-cost environmental projects for family farmers, traditional people and communities.

In this way, four calls-to-submission will be launched to select non-governmental projects from non-profit associations and community-based cooperatives in the Amazon Biome. With this, the production potential in local communities is expected to be encouraged by enabling better interaction with the ecosystems in the region. Expected positive impacts include the decrease in deforestation and environmental degradation, in addition to improving employment and income generation.

As an indirect result, stronger institution networking within civil society in the region is expected, providing better experience-based management capacity by training people and exchanging ideas.

## Expected Results

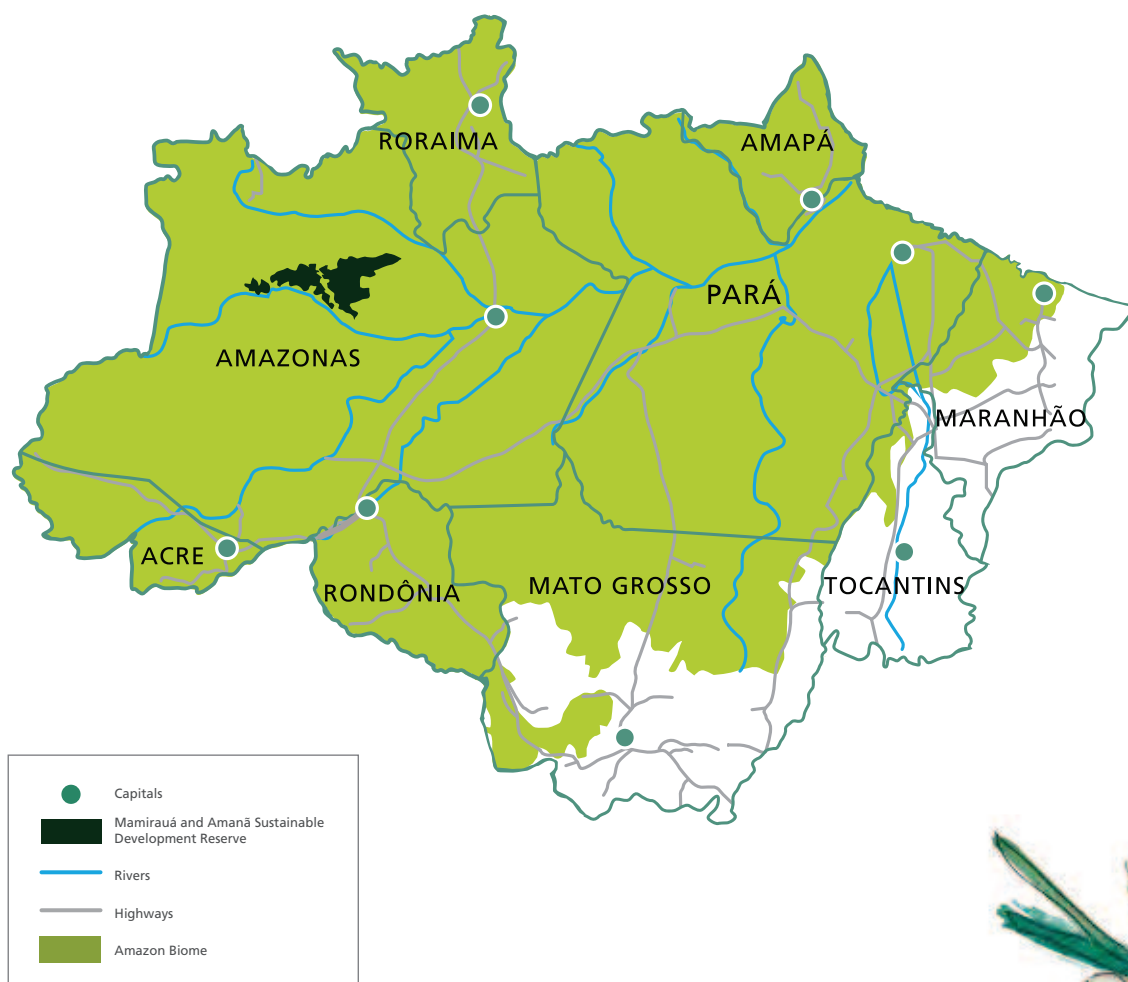
- Increased production potential in communities of the Amazon Biome, increasing income generation and the population's standard of living;
- Reduced pressure from production on deforestation; and
- Stronger networking skills for civil society institutions in the region.



# MAMIRAUÁ

## Mamirauá

*The project will enable the Mamirauá Sustainable Development Institute to develop participatory management and other management efforts in the Mamirauá and Amanã Sustainable Development Reserves, with research, development and dissemination of knowledge.*



RESPONSIBLE FOR THE PROJECT	Sustainable Development Institute of Mamirauá (IDSM) <www.mamiraua.org.br/>
TERRITORIAL SCOPE	Tefé municipality (AM); Mamirauá Sustainable Development Reserve (Municipalities: Uarini, Fonte Boa and Maraã – AM); Amanã Sustainable Development Reserve (Municipalities: Maraã, Barcelos and Coari – AM)
BENEFICIARIES	IDSM, local communities of the Mamirauá and Amanã sustainable development reserves, scientific community, conservation units managers and other communities reaping the benefits of the knowledge acquired within the scope of the project
OBJECTIVE	To support management plans and participative management in the Mamirauá and Amanã sustainable development reserves, with research, development and by spreading knowledge on the following topics: sustainable cattle-raising and agriculture, sustainable lumber forest management, sustainable non-lumber forest management, environmental education, environmental protection and monitoring
TOTAL COST OF THE PROJECT	R\$ 8,504,678.54 (US\$ 4,161,819.69)
AMAZON FUND SUPPORT	<b>R\$ 8,504,678.54 (US\$ 4,161,819.69)</b>
ESTIMATED COMPLETION DATE	<b>60 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Approved on 12.18.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The project will enable the Mamirauá Sustainable Development Institute to develop participatory management and other management efforts in the Mamirauá and Amanã Sustainable Development Reserves, with research, development and dissemination of knowledge, so as to contribute to increasing the effectiveness of conservation units in protecting and sustainably managing natural resources. The following efforts will be developed:

- Research, experimentation and technical assistance to extract andiroba and copaiba oils;
- Pilot program for SAF fruit pulp cooling in the reserves for sale;
- Environmental education activities;
- Training for Volunteer Environmental Agents and carrying out environmental protection missions;
- Field monitoring of changes in land use;
- Remote monitoring based on satellite images of changes in land use.

## Expected Results

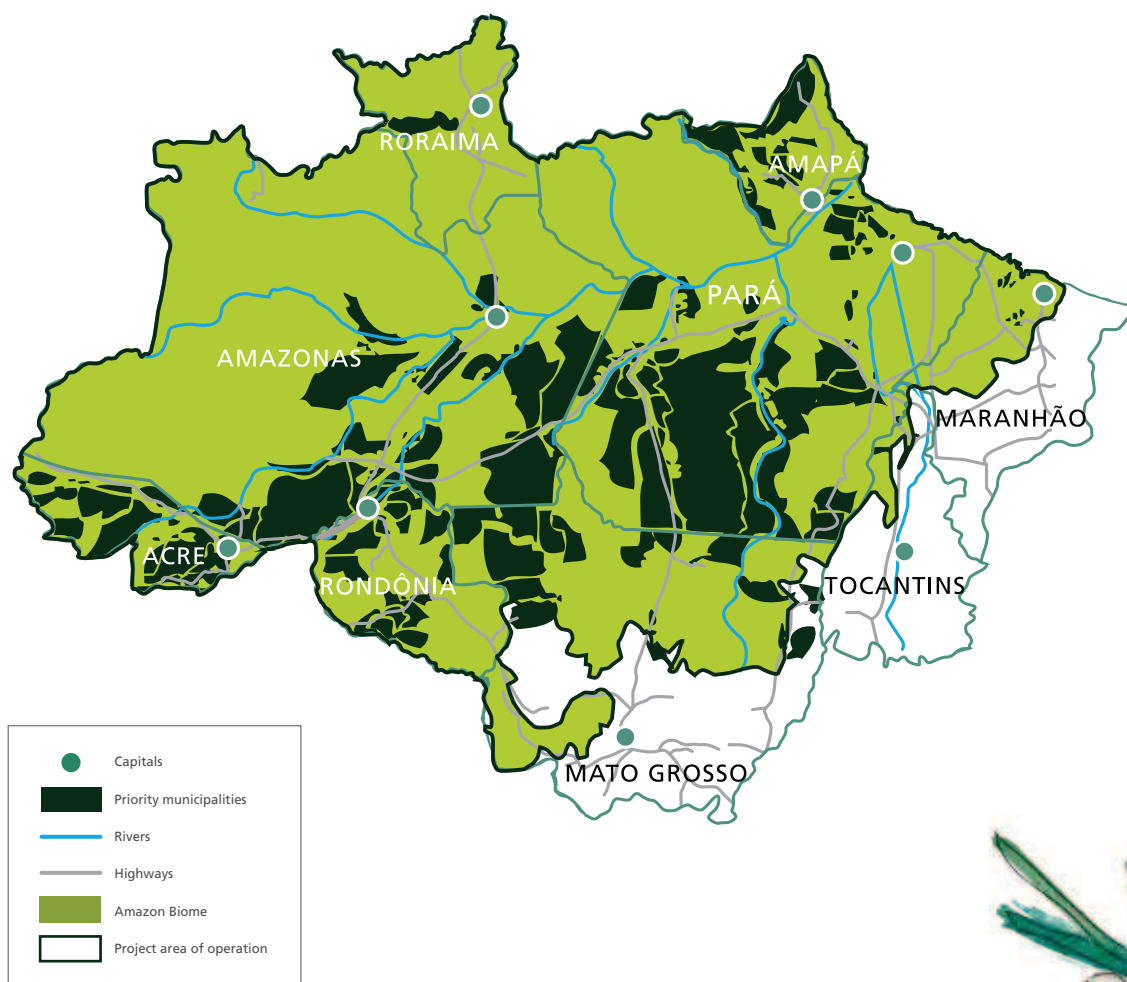
- Training given to 55 people to implement agro-forestry systems, sustainable cattle-raising and timber and non-timber forestry management;
- Conducting five studies on agro-forestry systems, sustainable cattle-raising, and timber and non-timber forestry management;
- Implementing two solar energy units for model experiments in packaging fruit pulp from agro-forestry systems;
- Creating five Sustainable Forest Management Plans to explore lumber;
- Holding environmental education workshops;
- Training given to 200 people to become voluntary environmental agents;
- Conducting 20 protection missions; and
- Producing five maps containing the habitat conversion rate.



# PROGRAMA DE QUALIFICAÇÃO DA GESTÃO AMBIENTAL

*Environmental Management Qualification Program*

*The Brazilian Institute of Municipal Administration (IBAM) aims to help strengthen municipal environmental management organs in the Legal Amazon, using combined strategic initiatives [...] in training and knowledge.*



RESPONSIBLE FOR THE PROJECT	Brazilian Institute of Municipal Administration (IBAM) < <a href="http://www.ibam.org.br">http://www.ibam.org.br</a> >
TERRITORIAL SCOPE	Municipalities in the Amazon Biome
BENEFICIARIES	Employees at the municipal administration agencies for local environmental management and may reach the 529 municipalities in the Amazon Biome, across the nine states of the Legal Amazon (Acre, Amapá, Amazonas, Maranhão, Mato Grosso, Pará, Rondônia, Roraima, and Tocantins)
OBJECTIVE	To foster the strengthening of environmental management in municipalities in the Amazon Biome by offering training and technical assistance; disseminating a network of knowledge and information; and fostering innovation and contacts with other levels of government and society in general, within the scope of environmental public policies
TOTAL COST OF THE PROJECT	R\$ 18,853,482.32 (US\$ 9,226,074.55)
AMAZON FUND SUPPORT	<b>R\$ 18,853,482.32 (US\$ 9,226,074.55)</b>
ESTIMATED COMPLETION DATE	<b>48 months</b> (from the date the contract was signed)
SITUATION ON 12.31.2012	Approved on 12.18.2012
TOTAL AMOUNT DISBURSED (UP TO 12.31.2012)	-

## Intervention Logic

The Brazilian Institute of Municipal Administration (IBAM) project aims at strengthening municipal organs for environmental management in the Legal Amazon by employing combined strategic initiatives that address institutional weaknesses in training and knowledge. The following efforts will be developed:

- Training with a focus on environmental management for municipalities in the Amazon Biome;
- Meetings with the municipal Legislative Branch;
- Technical and legal guidelines for municipal governments;
- Development of learning communities;
- Awards for best municipal practices;
- Improvement of state-municipality relations to decentralize environmental management.

## Expected Results

- Training in environmental management for some 604 civil servants and 302 representatives of civil society from at least 302 municipalities in the Legal Amazon through distance learning;
- Raising awareness of the members of Municipal Legislative Chambers concerning the importance of environmental issues by holding 12 events;
- Establishing 1,150 technical and legal guidelines for at least 302 municipalities in the Legal Amazon by means of a web portal to exchange experiences, send queries to project experts, and provide studies and knowledge related to environmental management;
- Awards for municipalities that stand out for their efforts and projects, which foster the conservation of natural resources and local sustainable development; and
- Sharing information and conducting nine activities with 180 participants from state and local governments of the Amazon Biome to encourage decentralization of environmental management.